

Pro/ENGINEER Wildfire 2.0

Tutorial and Multi Media CD

By: David S. DeWolf

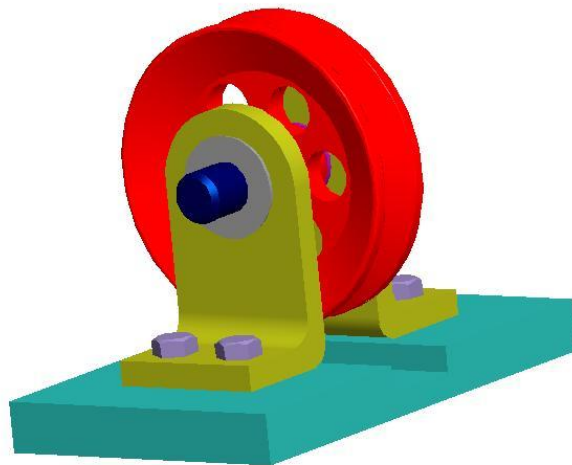
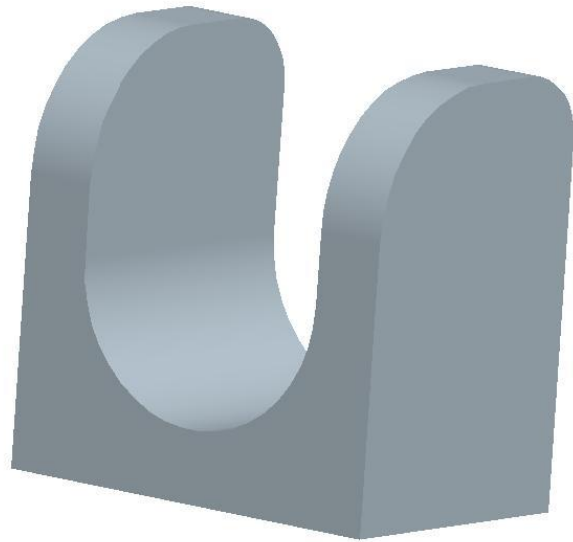
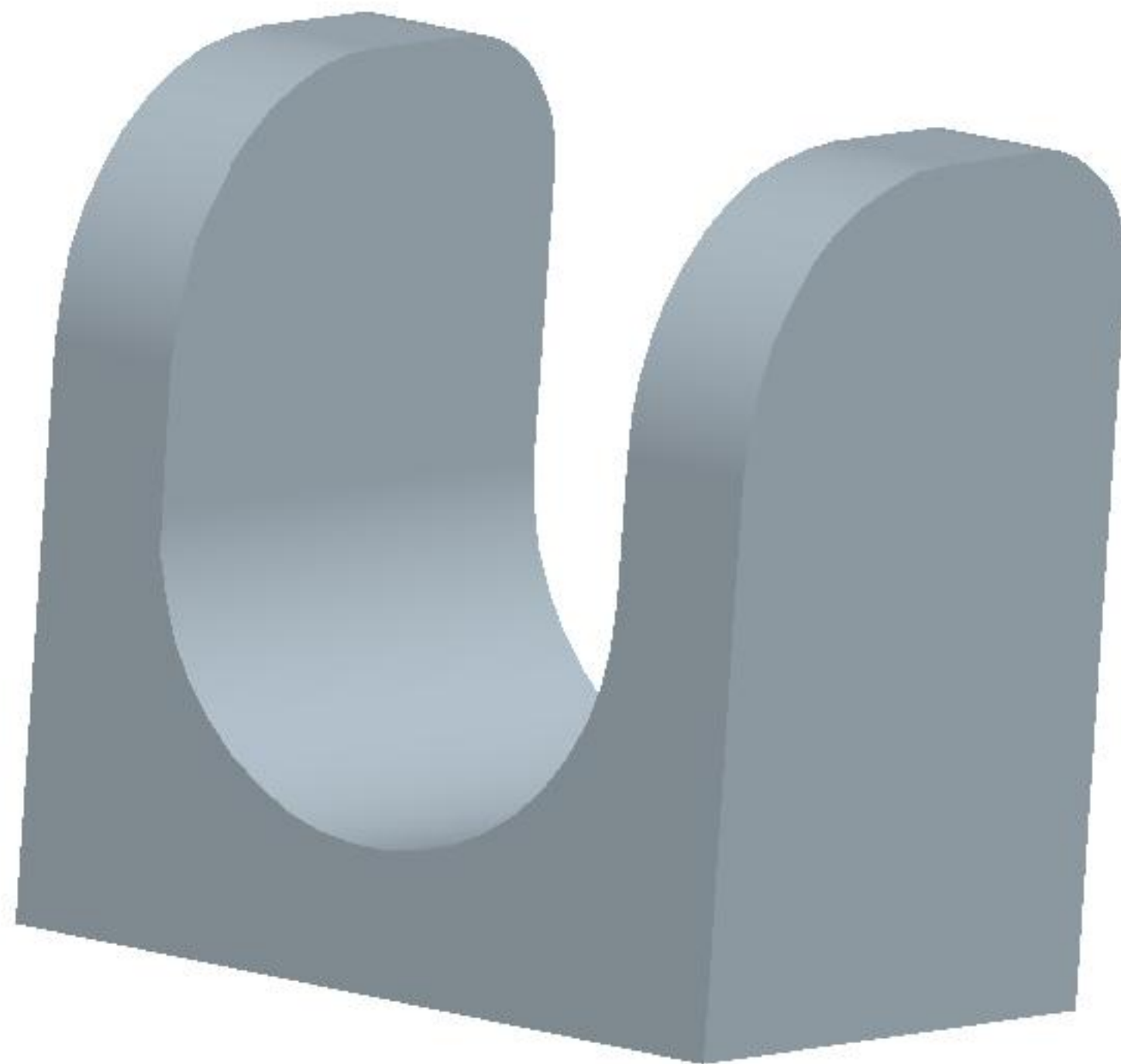


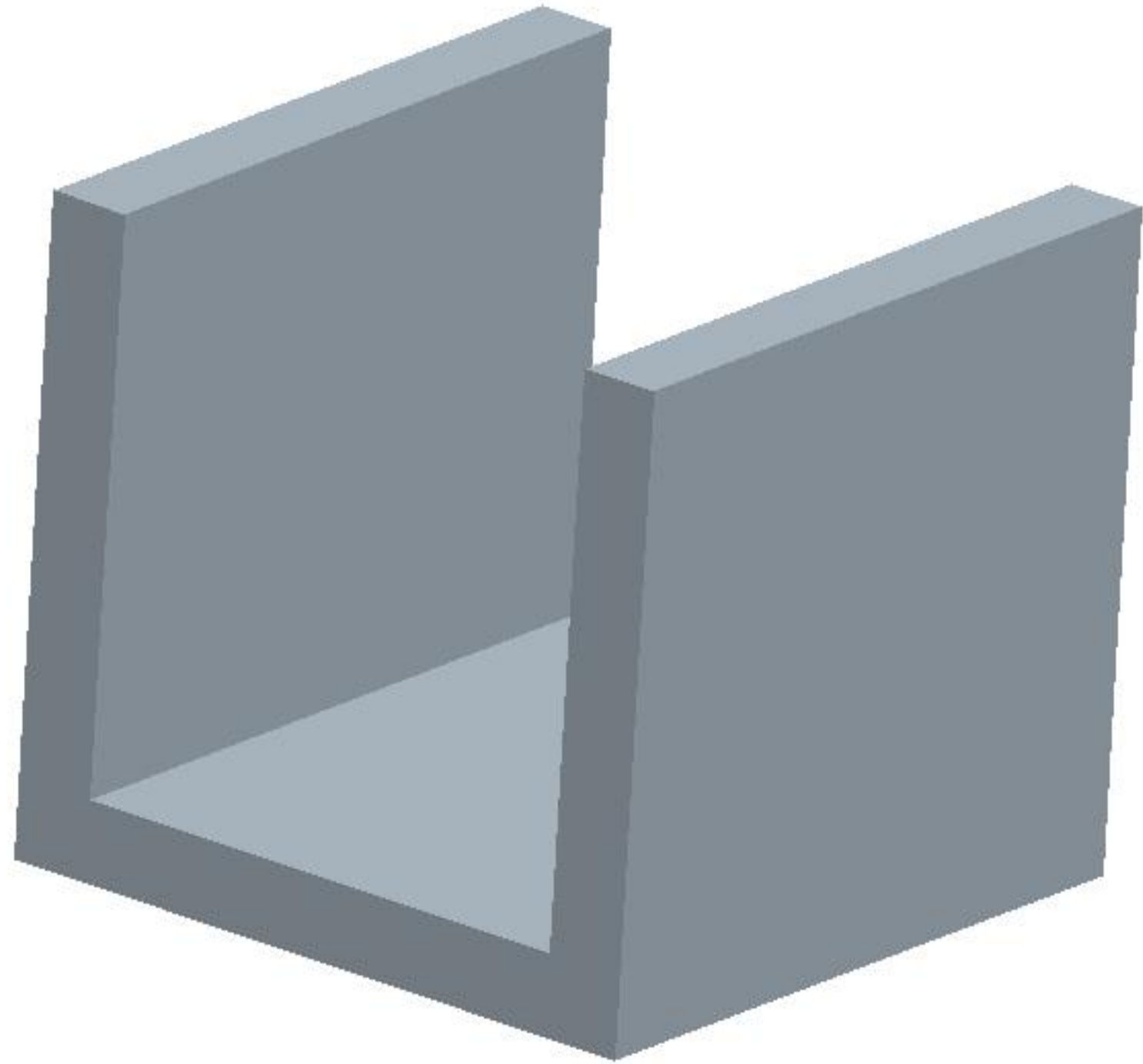
Table of Contents

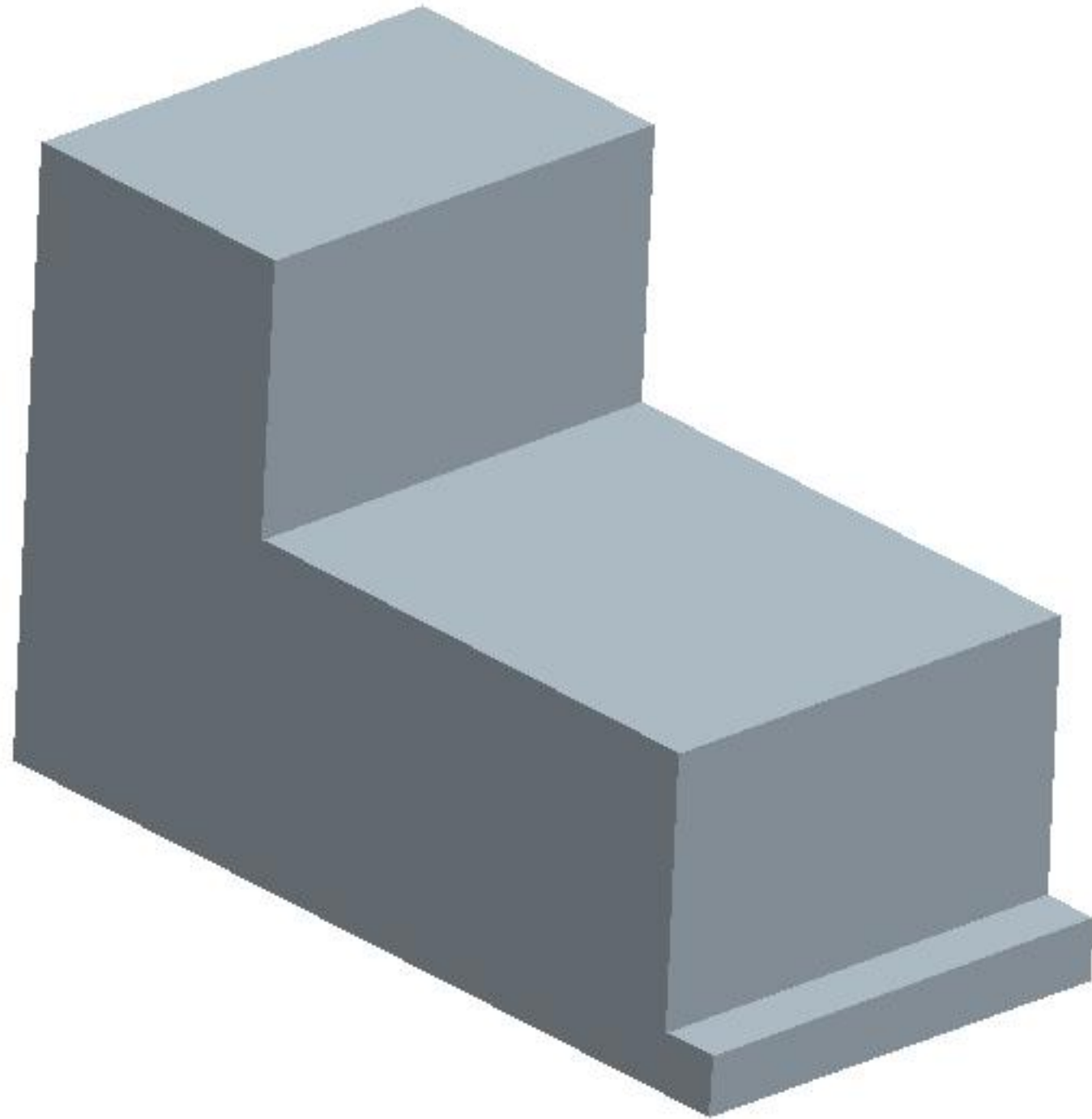
2	Simple Objects I	1
3	Simple Objects II	12
4	Revolved, Mirror, Rounds, and Chamfers	24
5	Modeling Utilities and 3 R's	32
6	Datum Planes and Sketcher Tools	36
7	Patterns and Copies	41
8	Engineering Drawings	53
9	Assembly Fundamentals	58
10	Assembly Operations	61
11	Sweeps and Blends	65
12	Project Vise	78
13	School Drawings	83

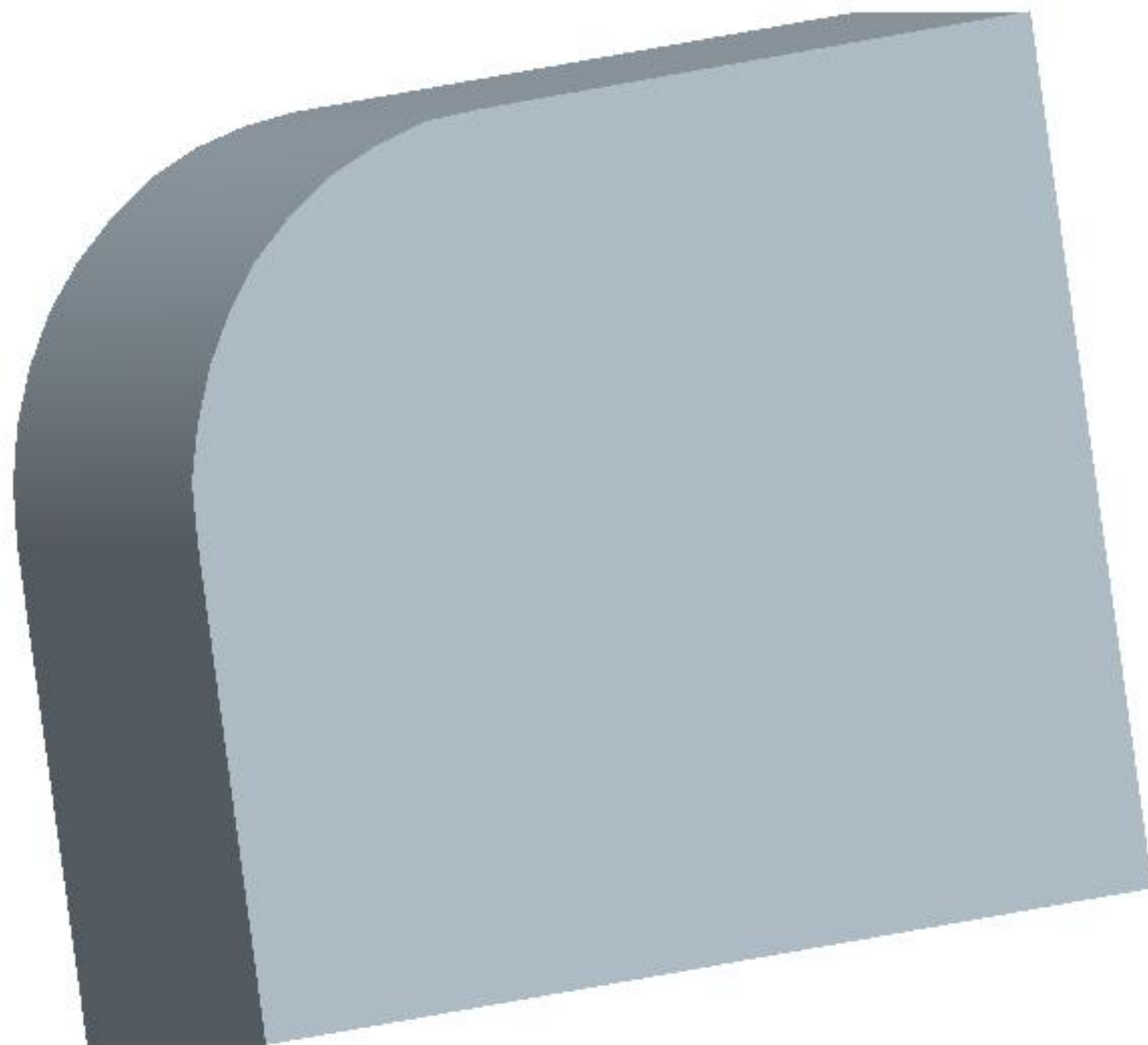
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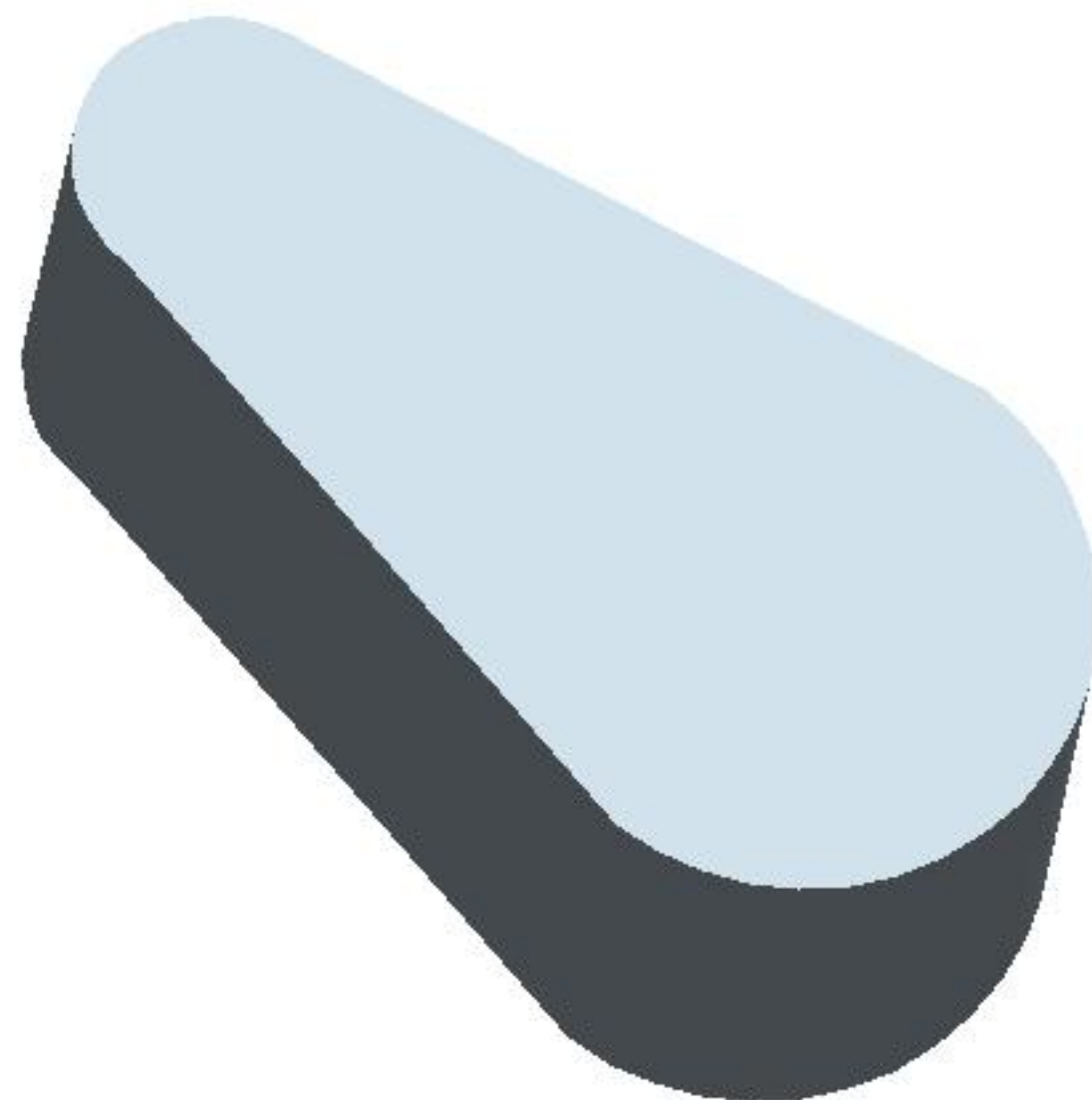


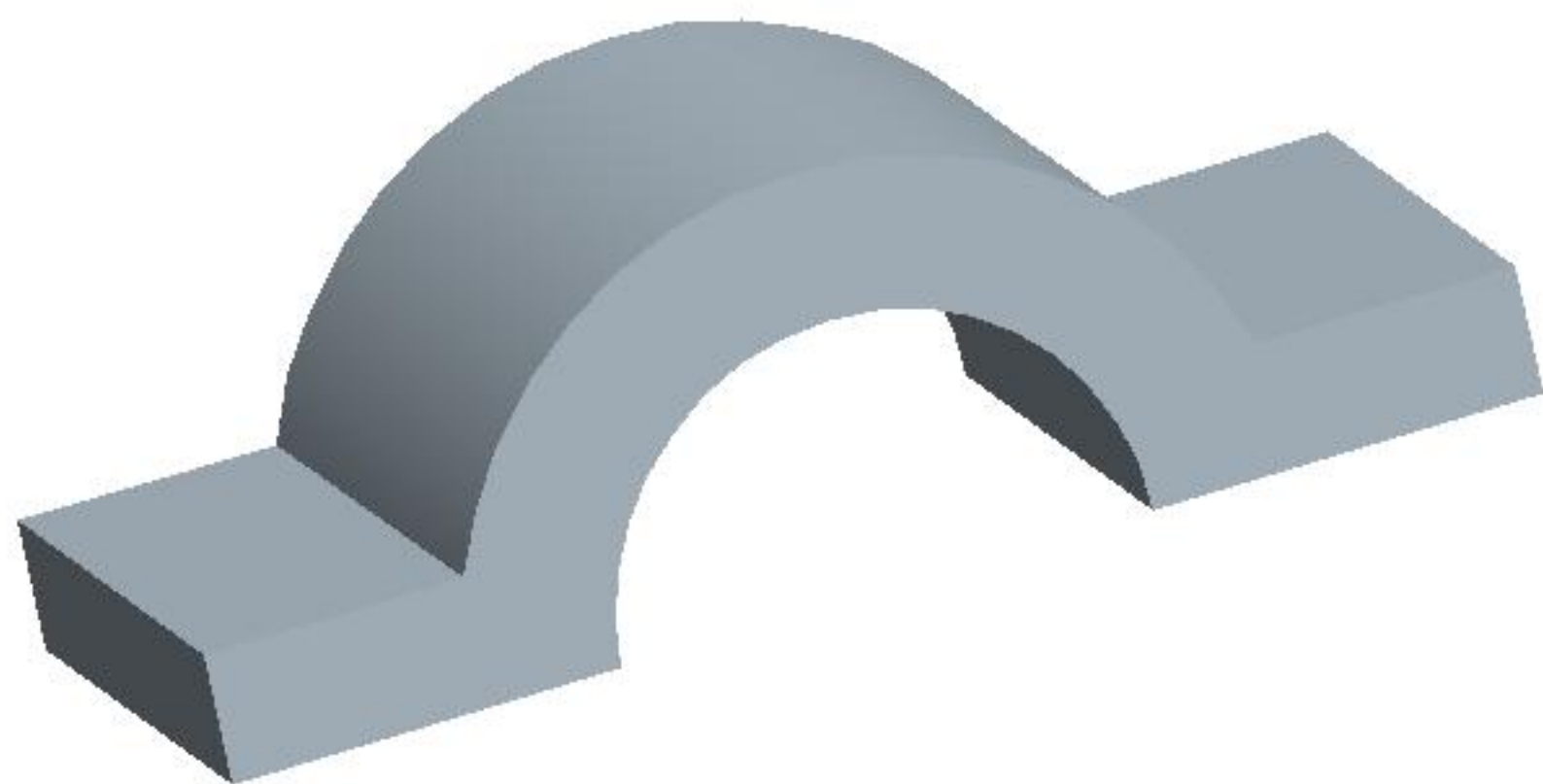


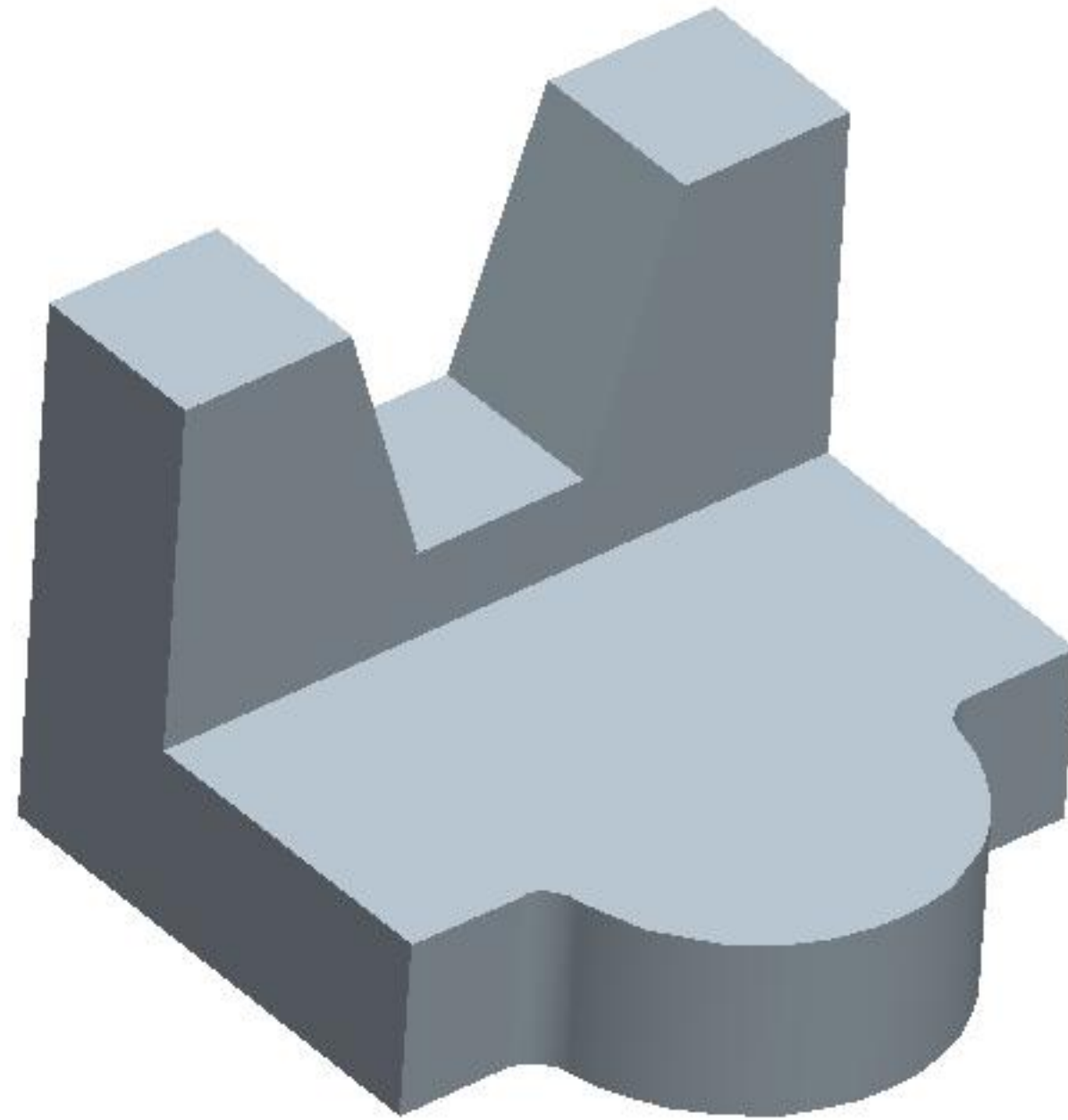


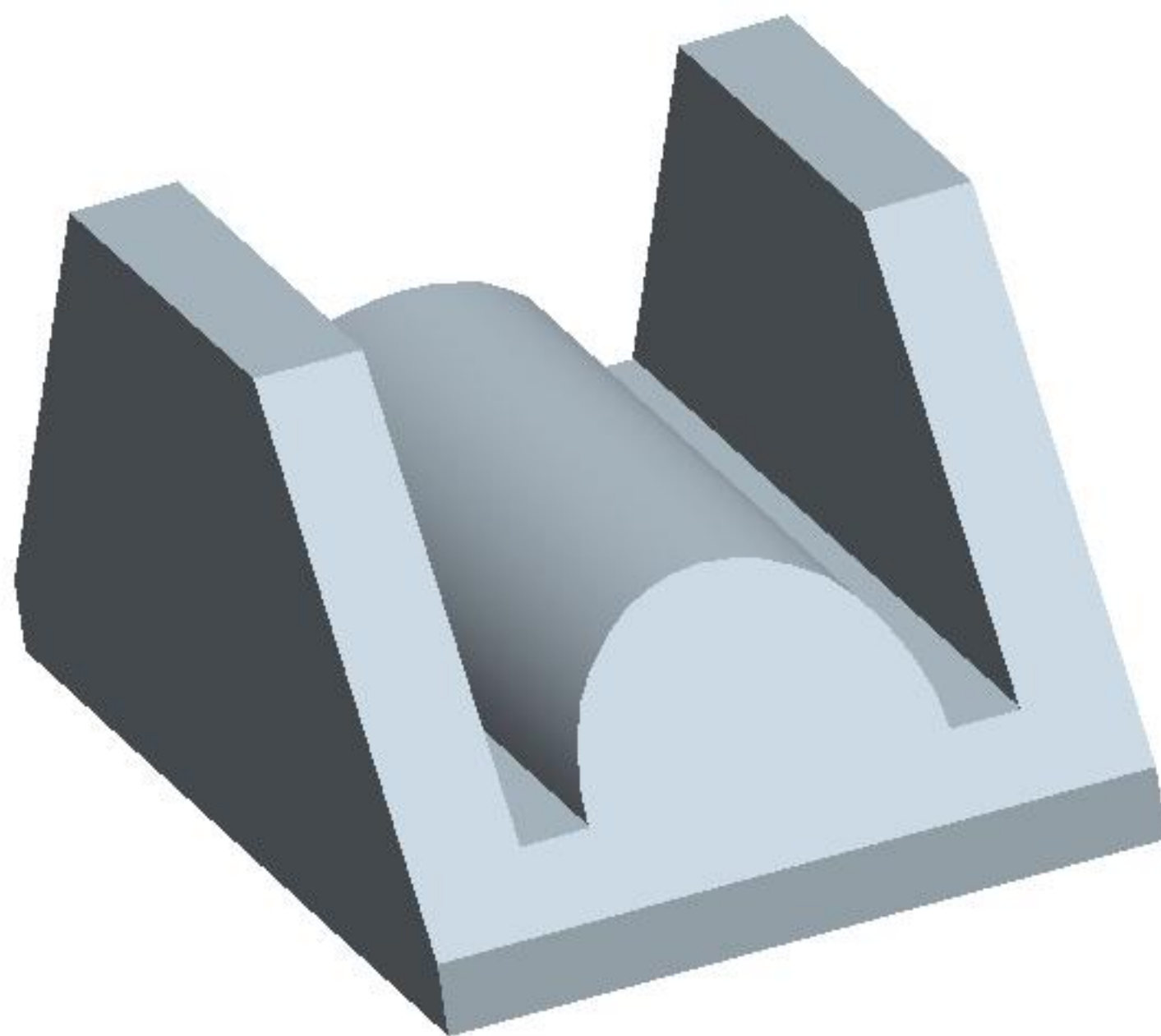


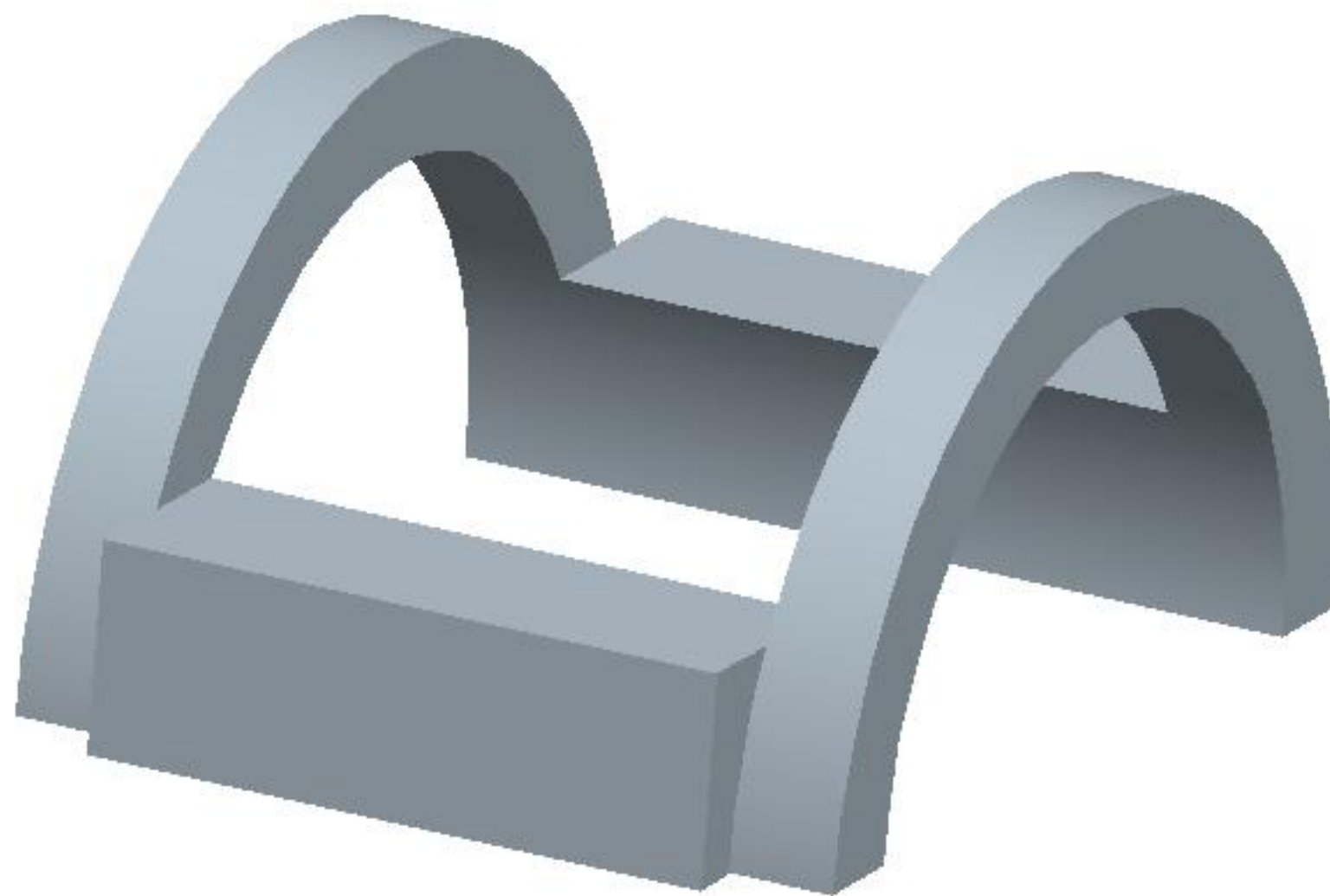




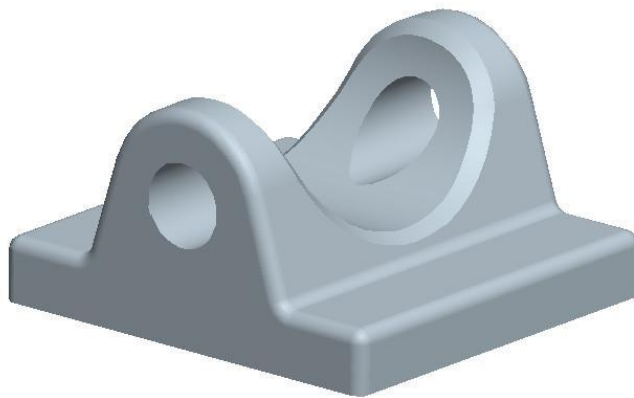


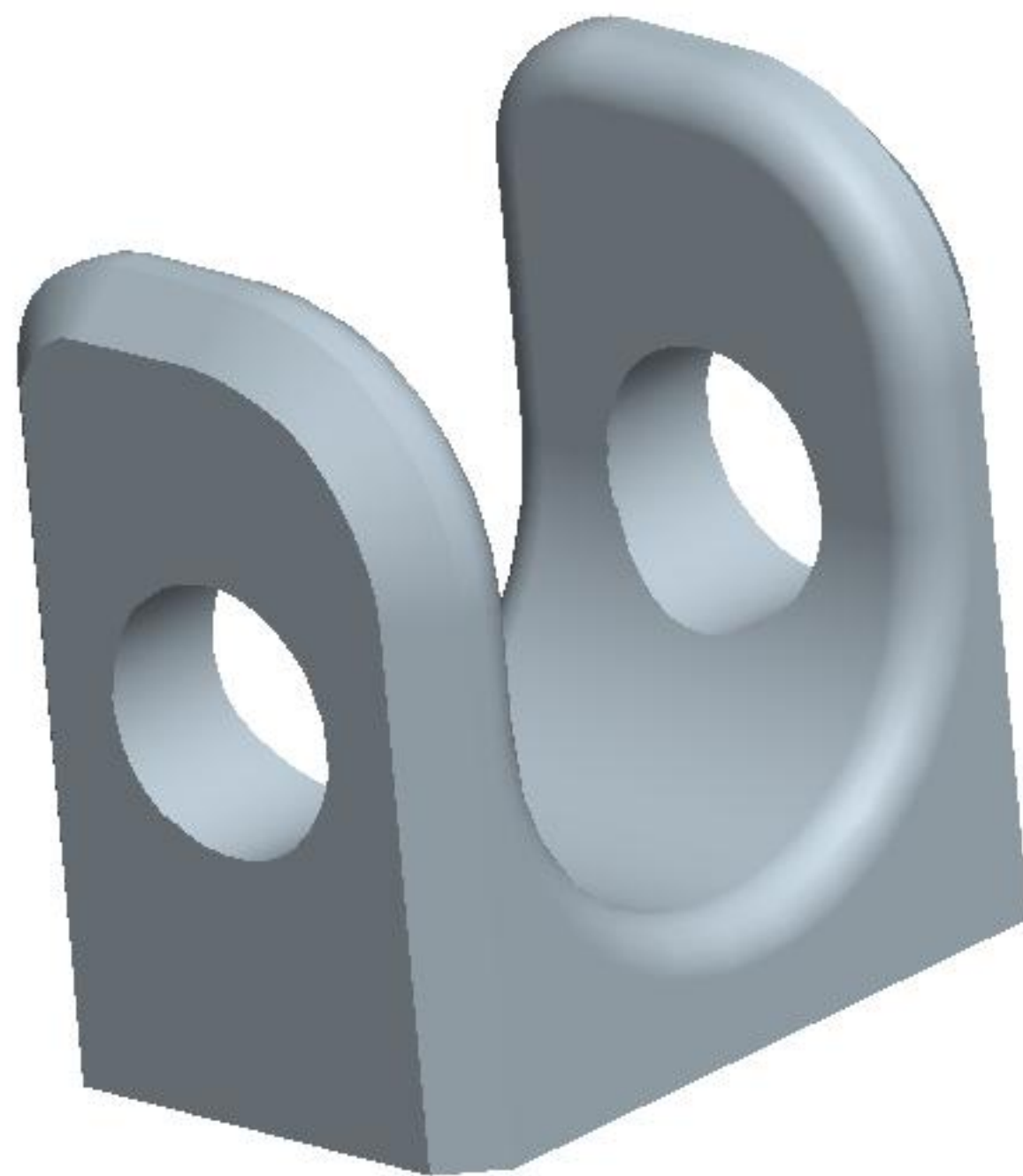


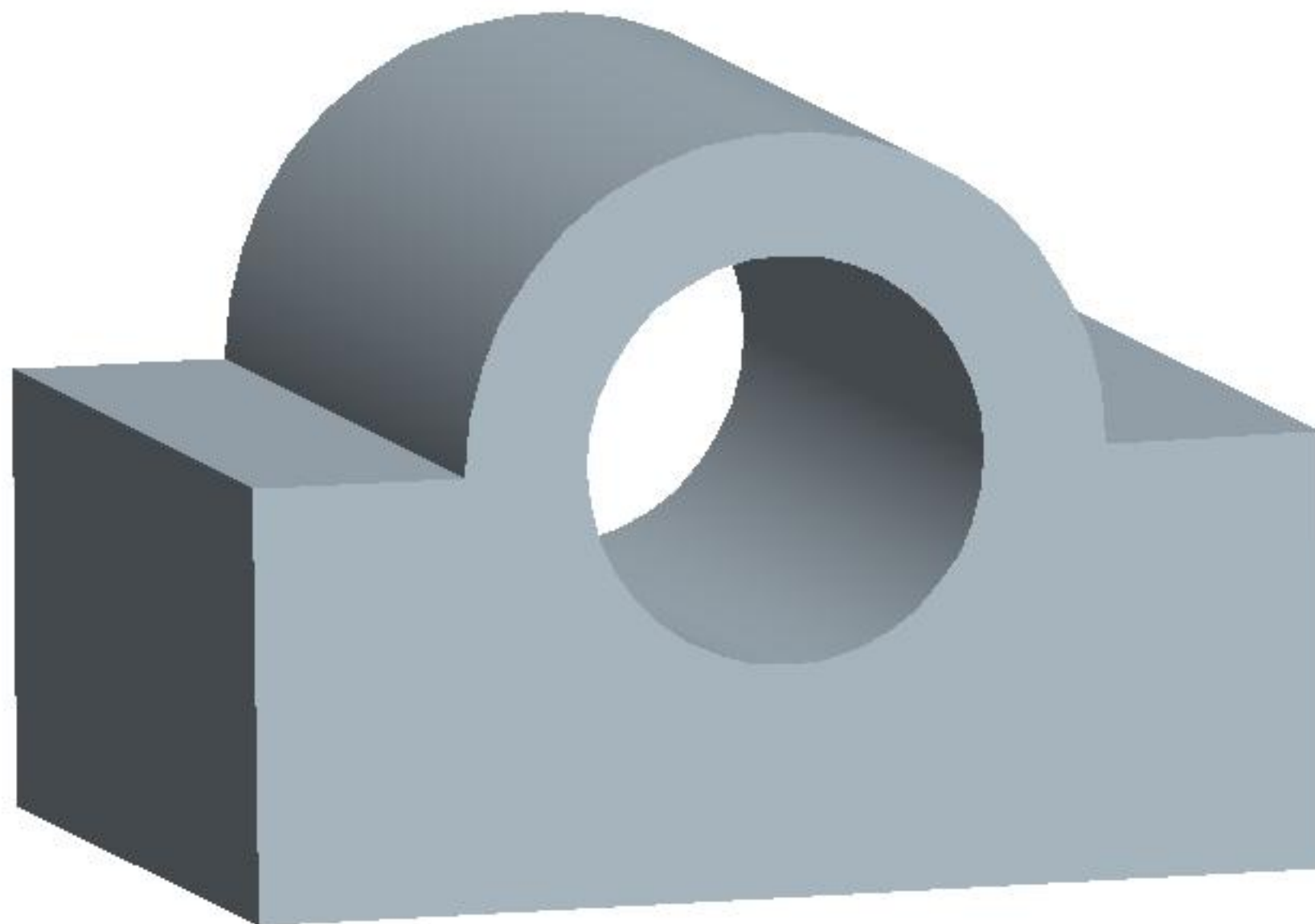


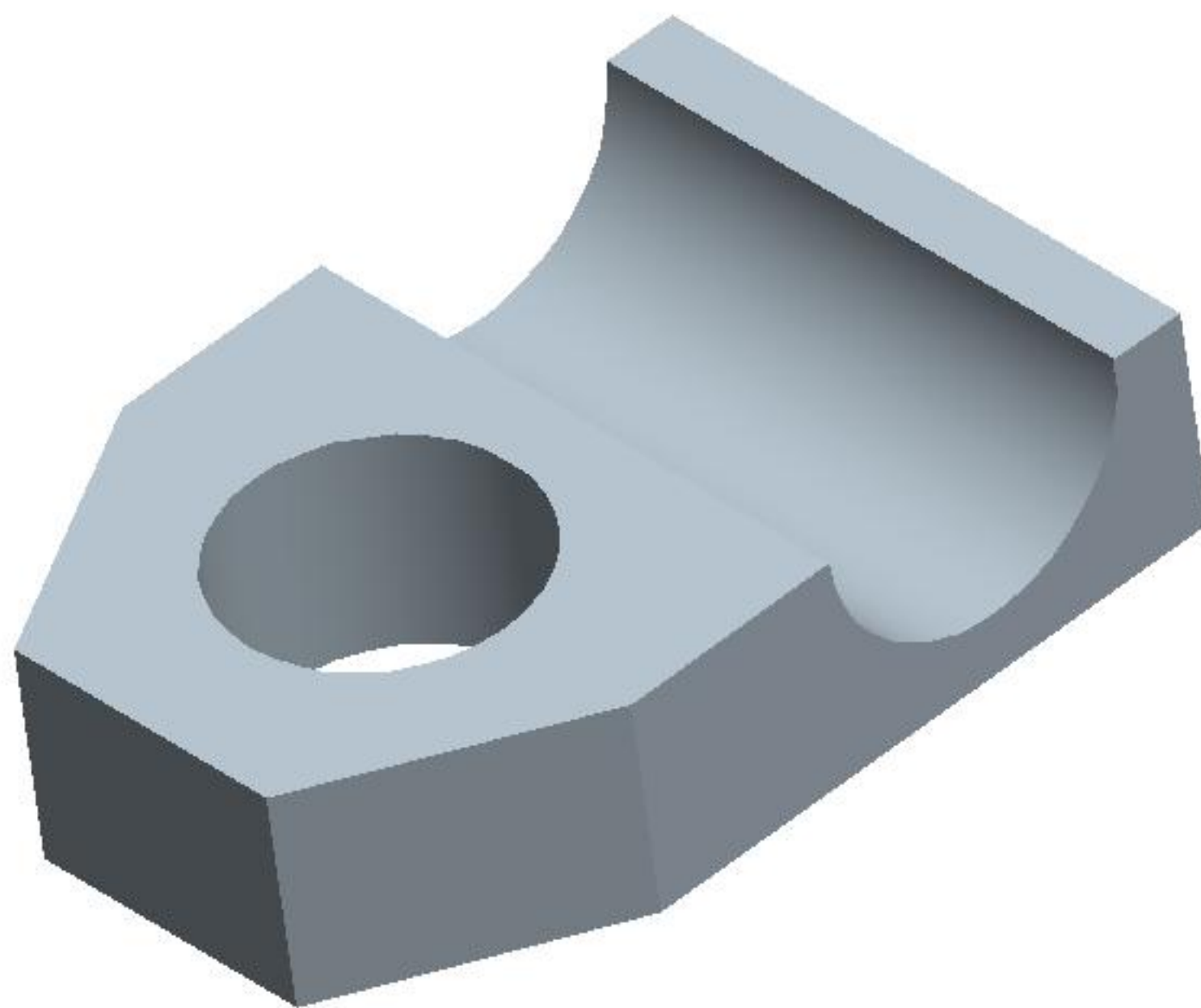


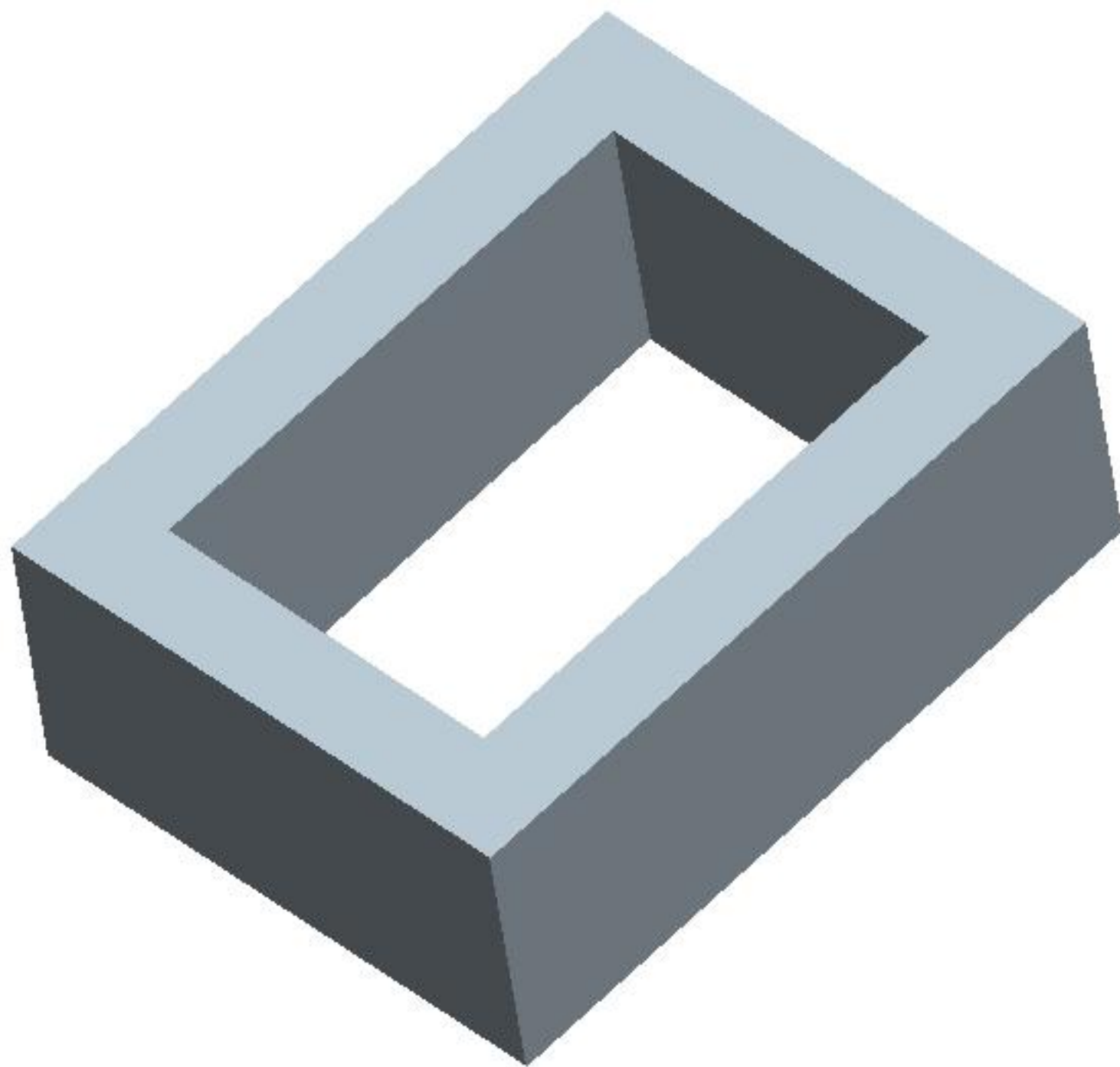
LESSON 3 – Simple Objects II

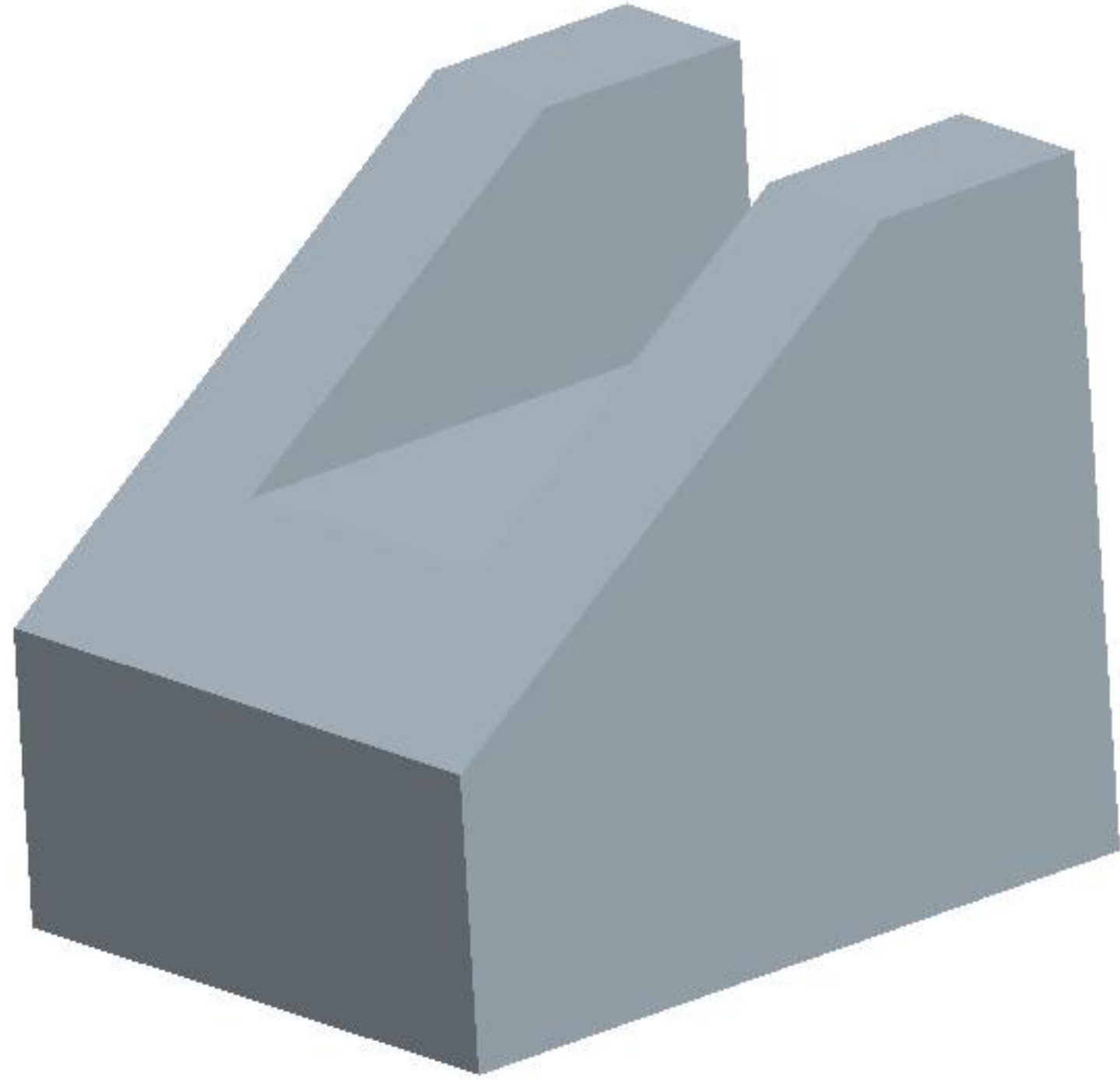


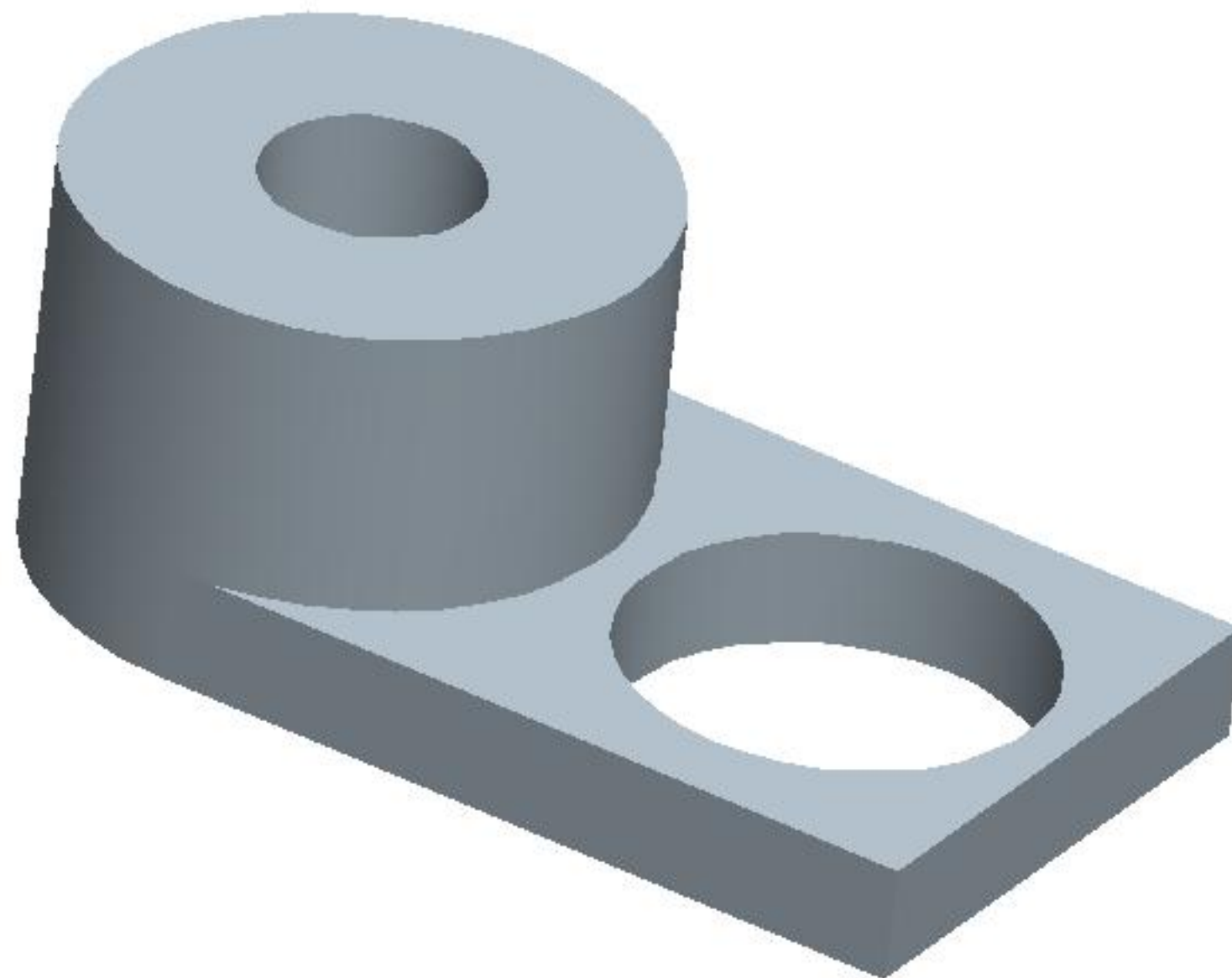


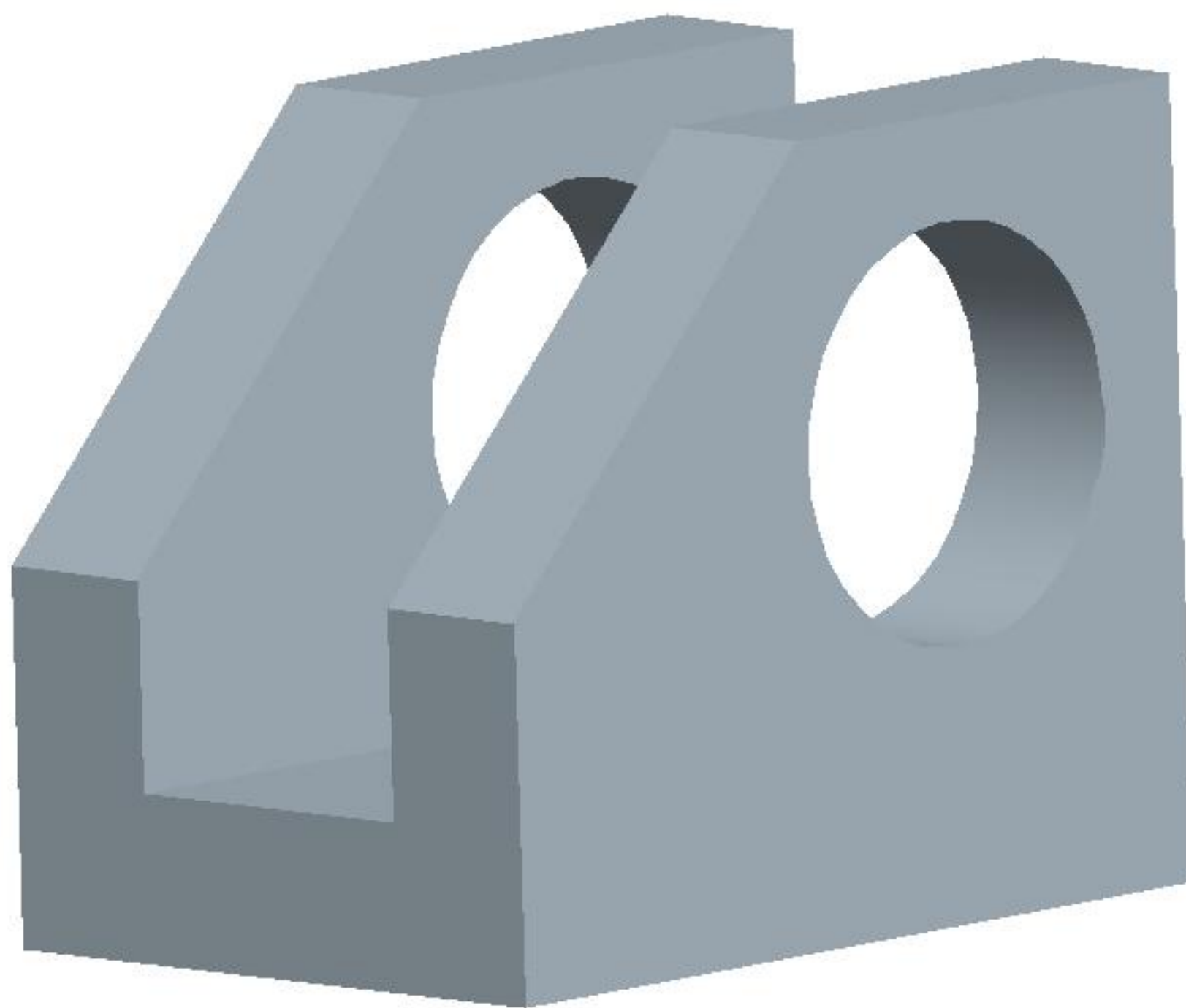


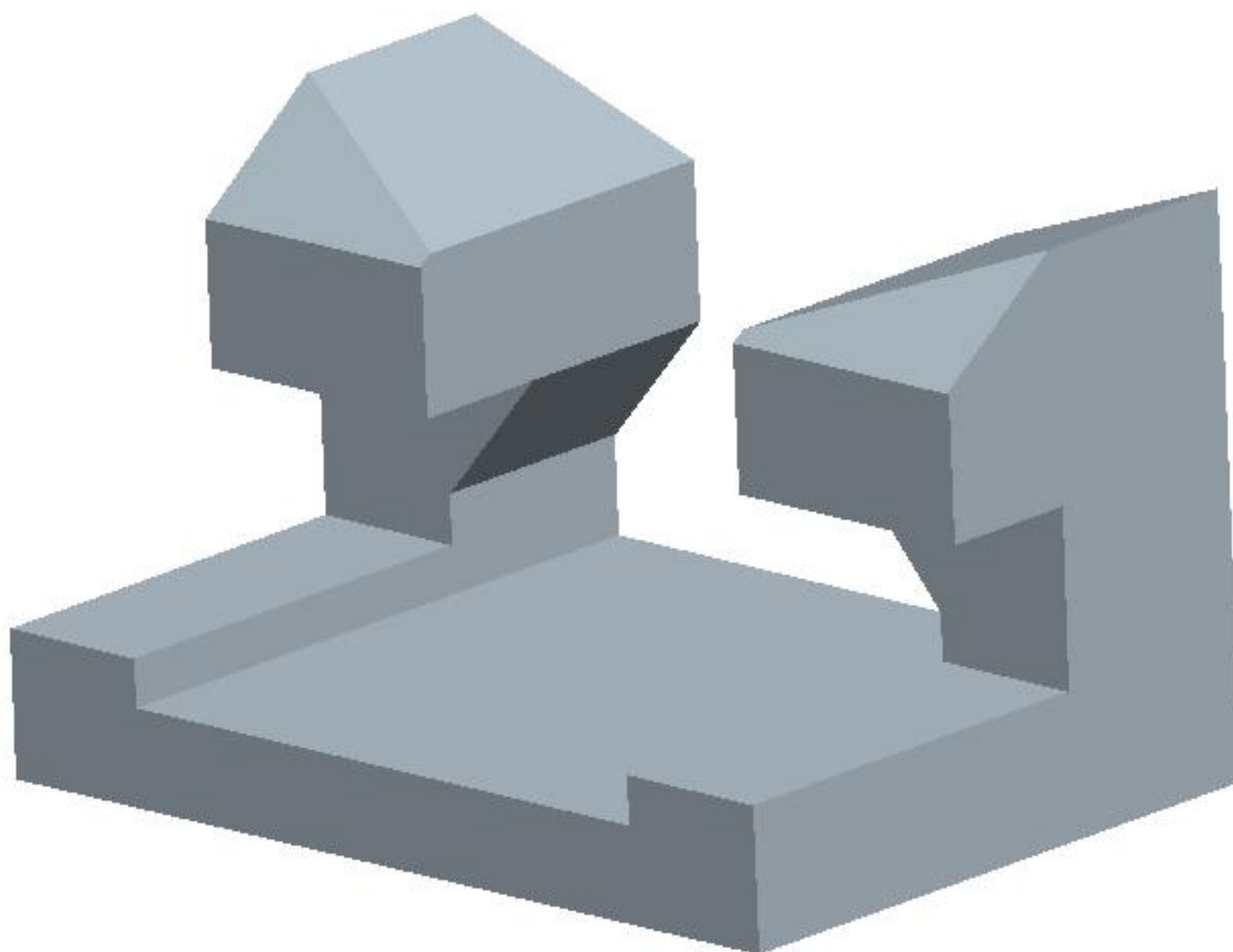


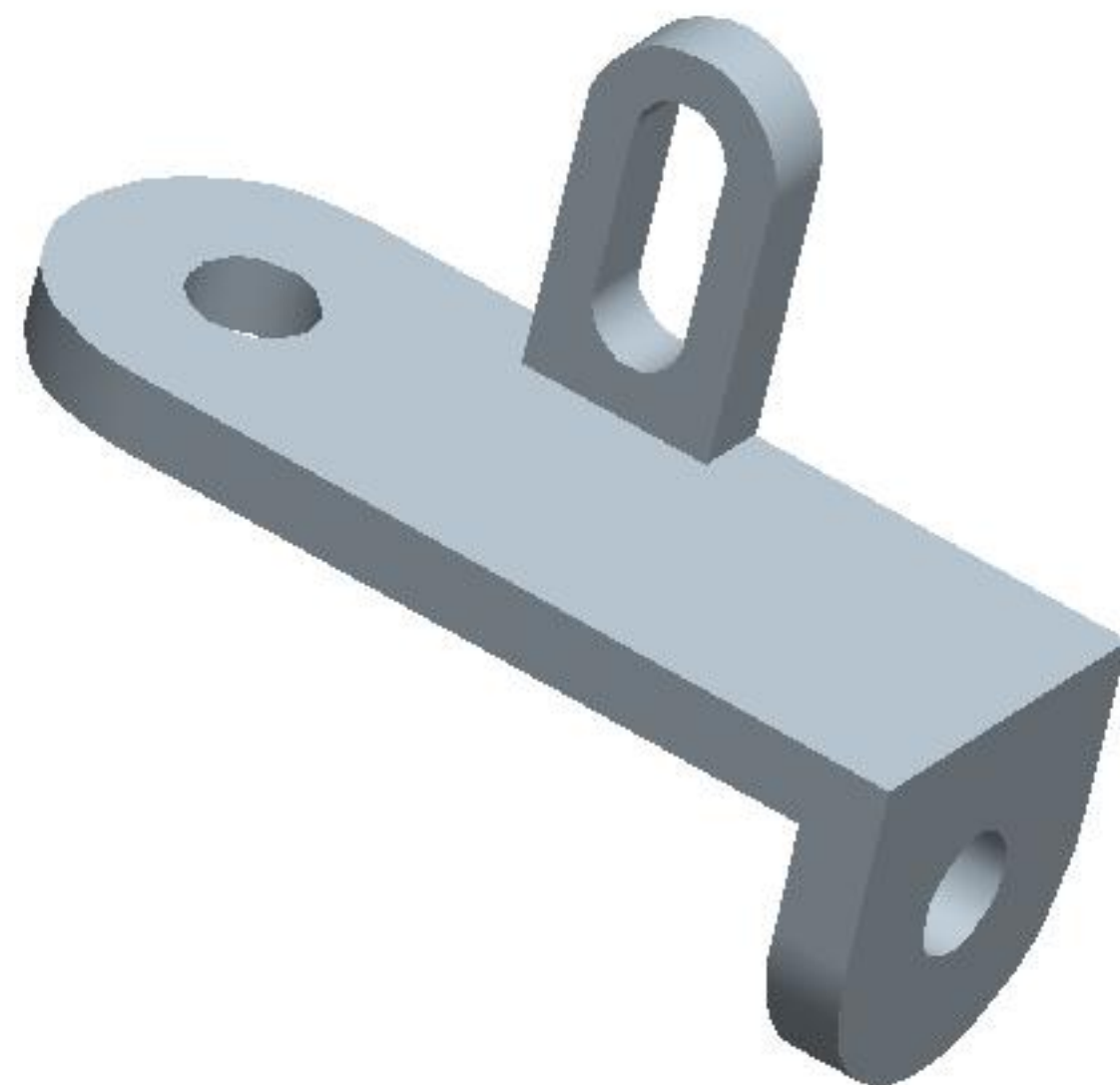


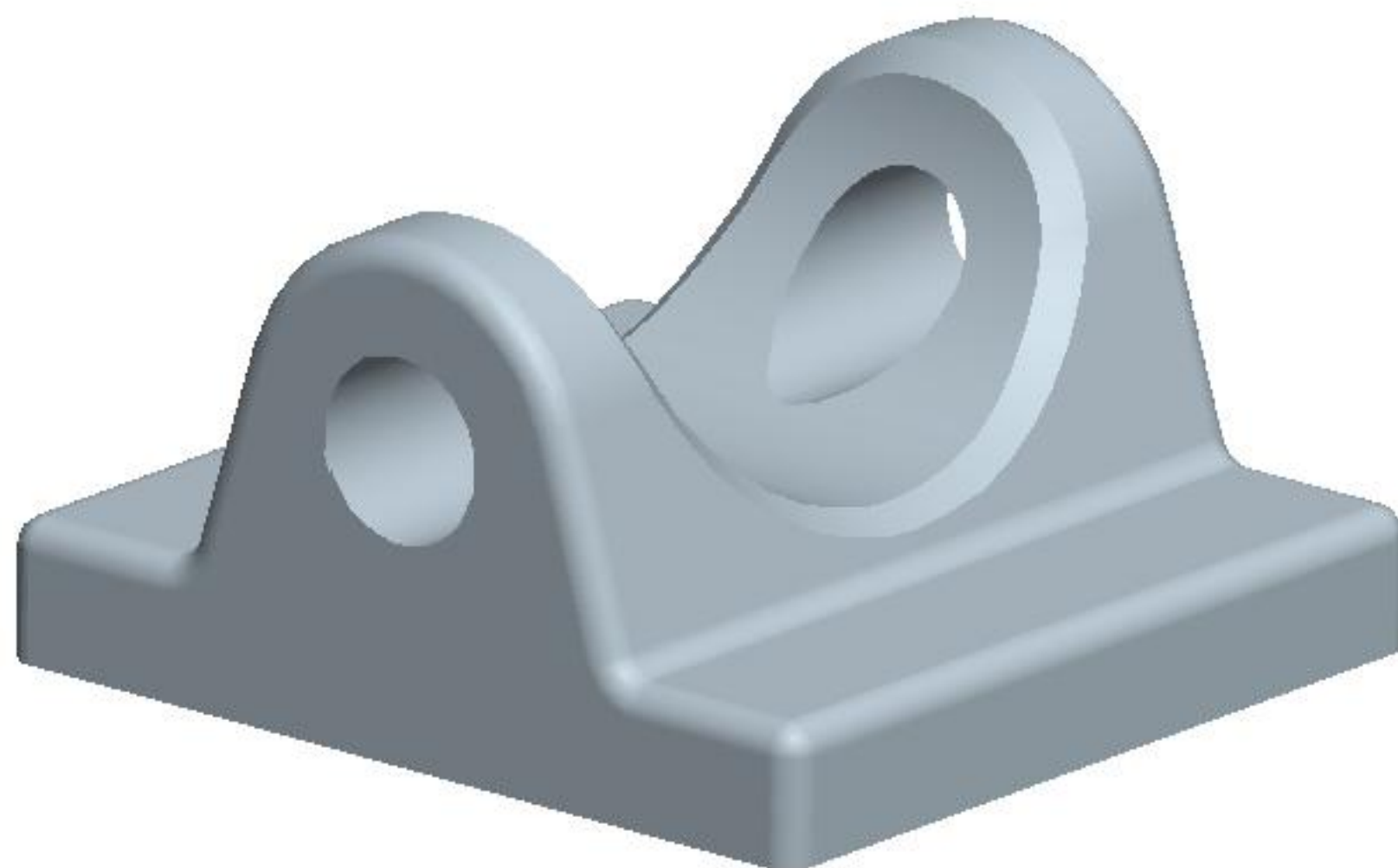










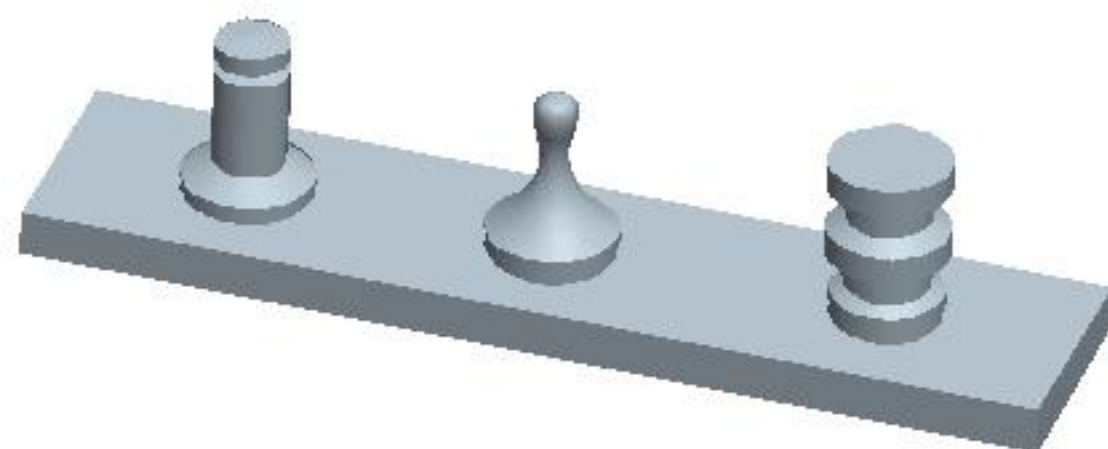


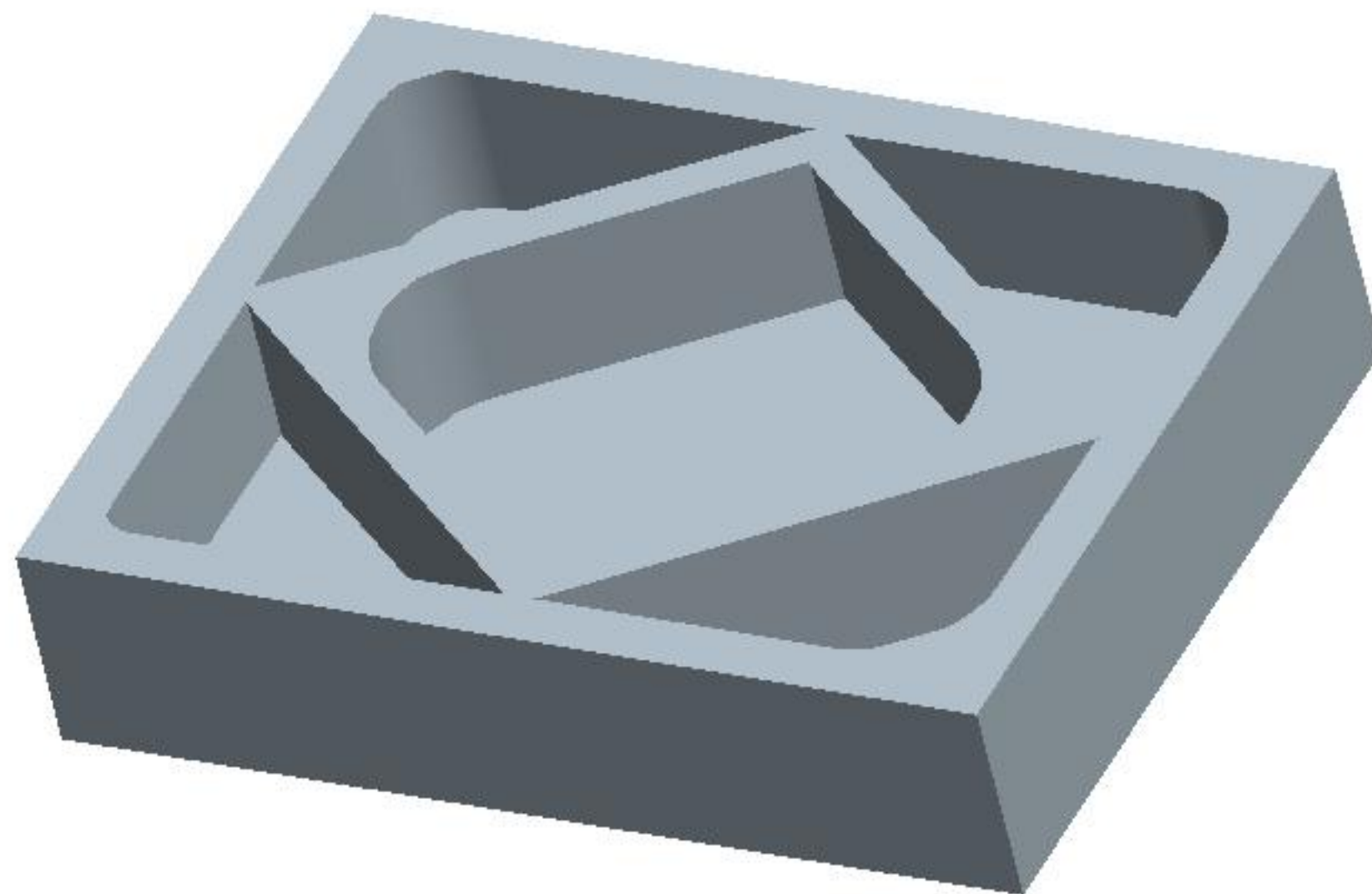


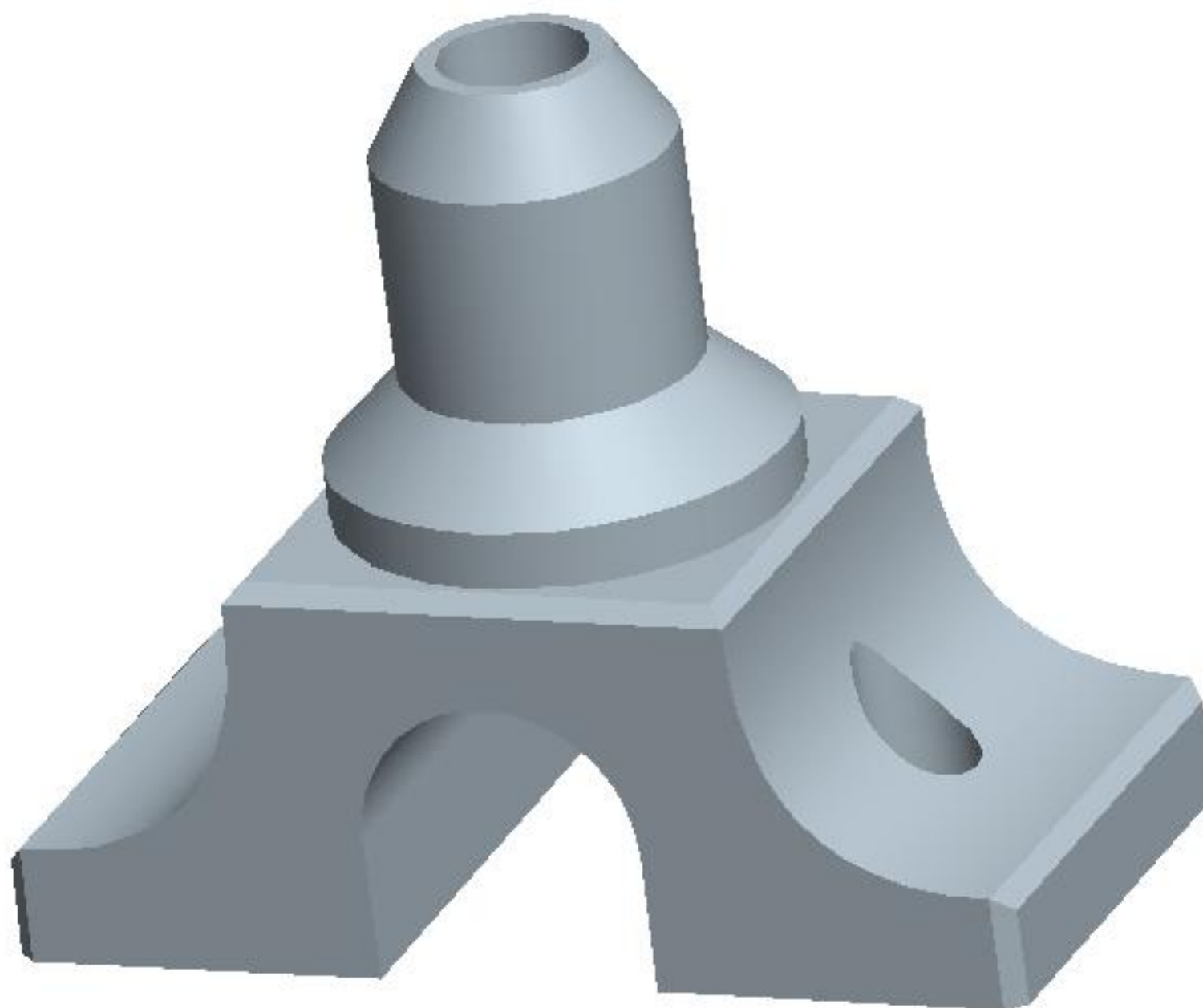
LESSON 4 – Revolved, Mirror, Rounds, and Chamfers

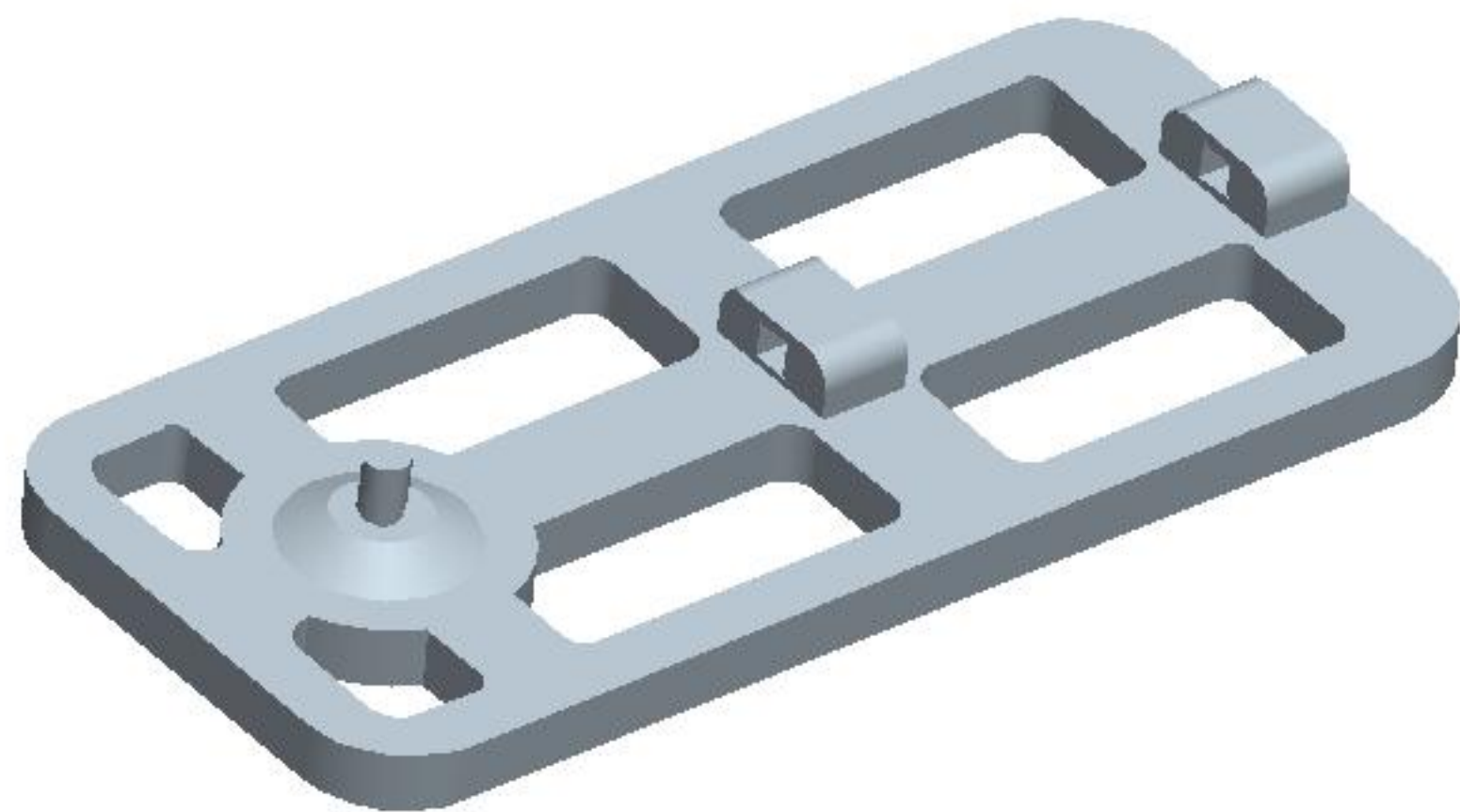


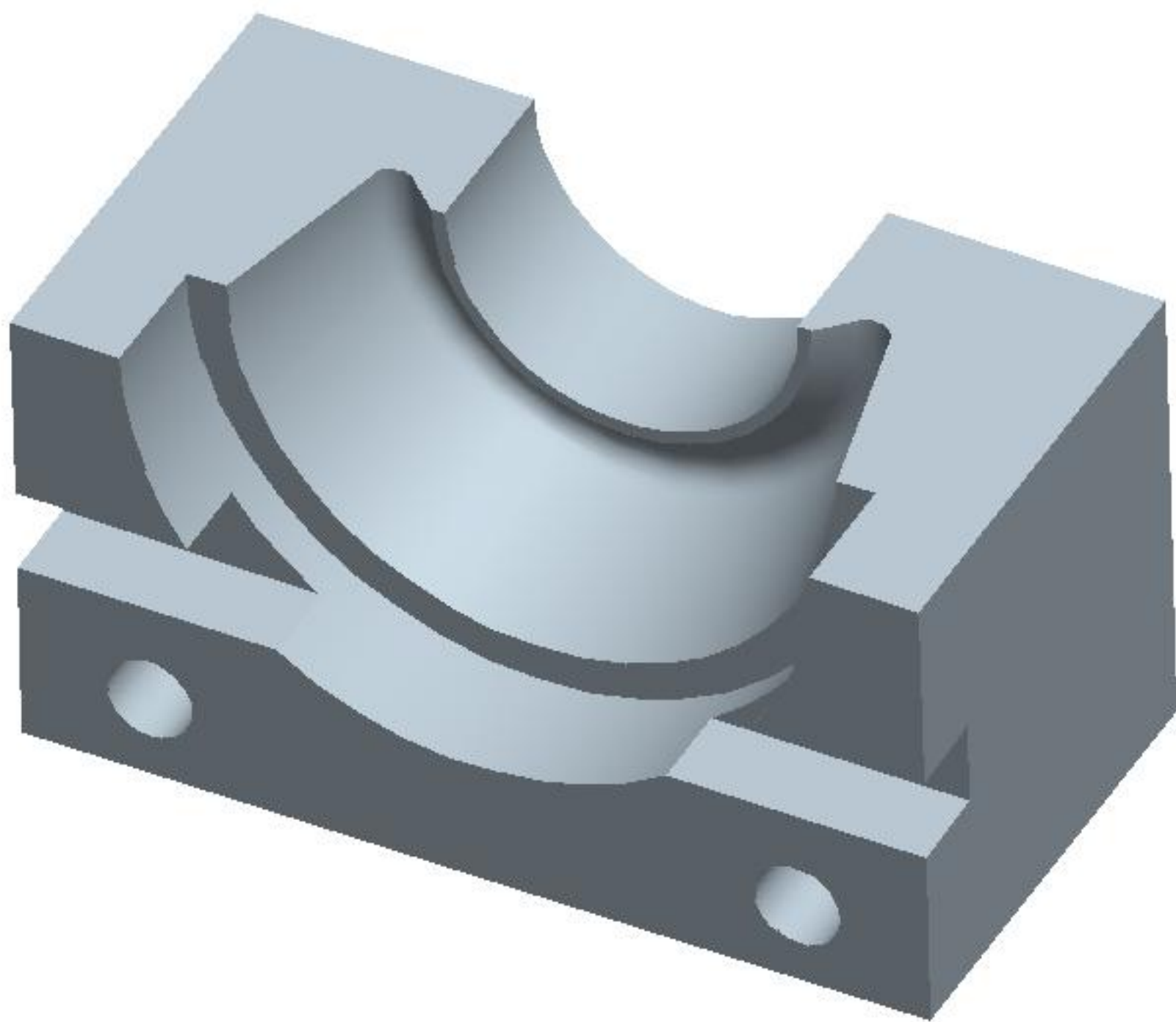






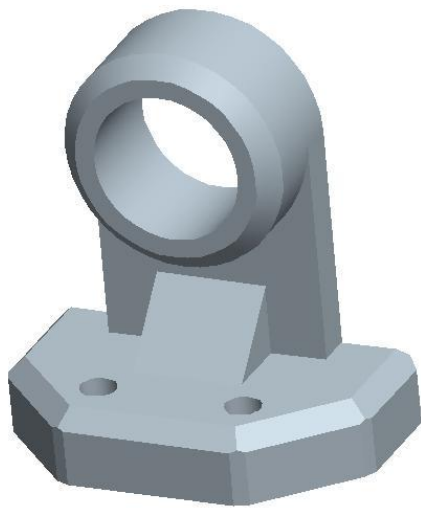


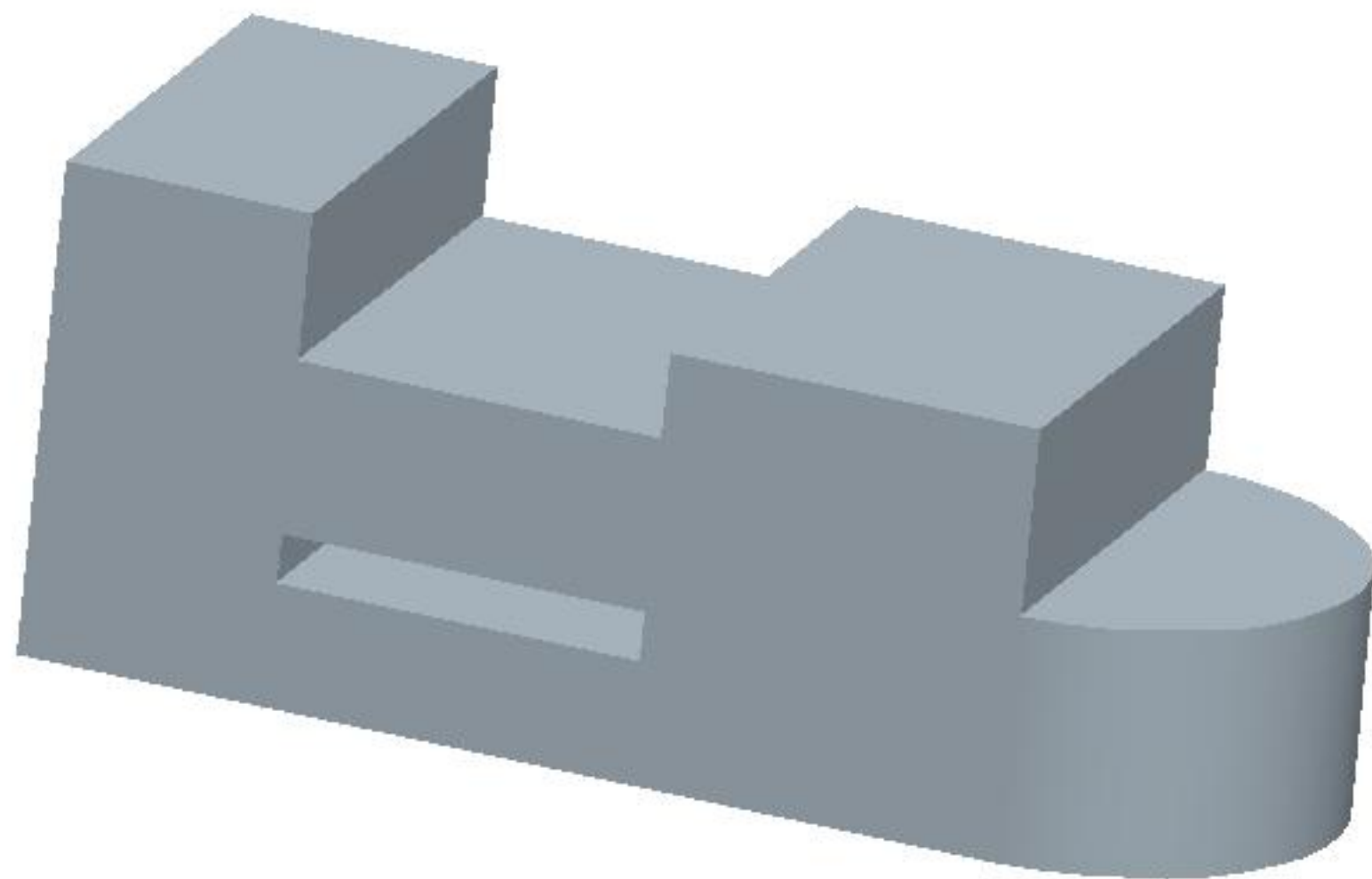


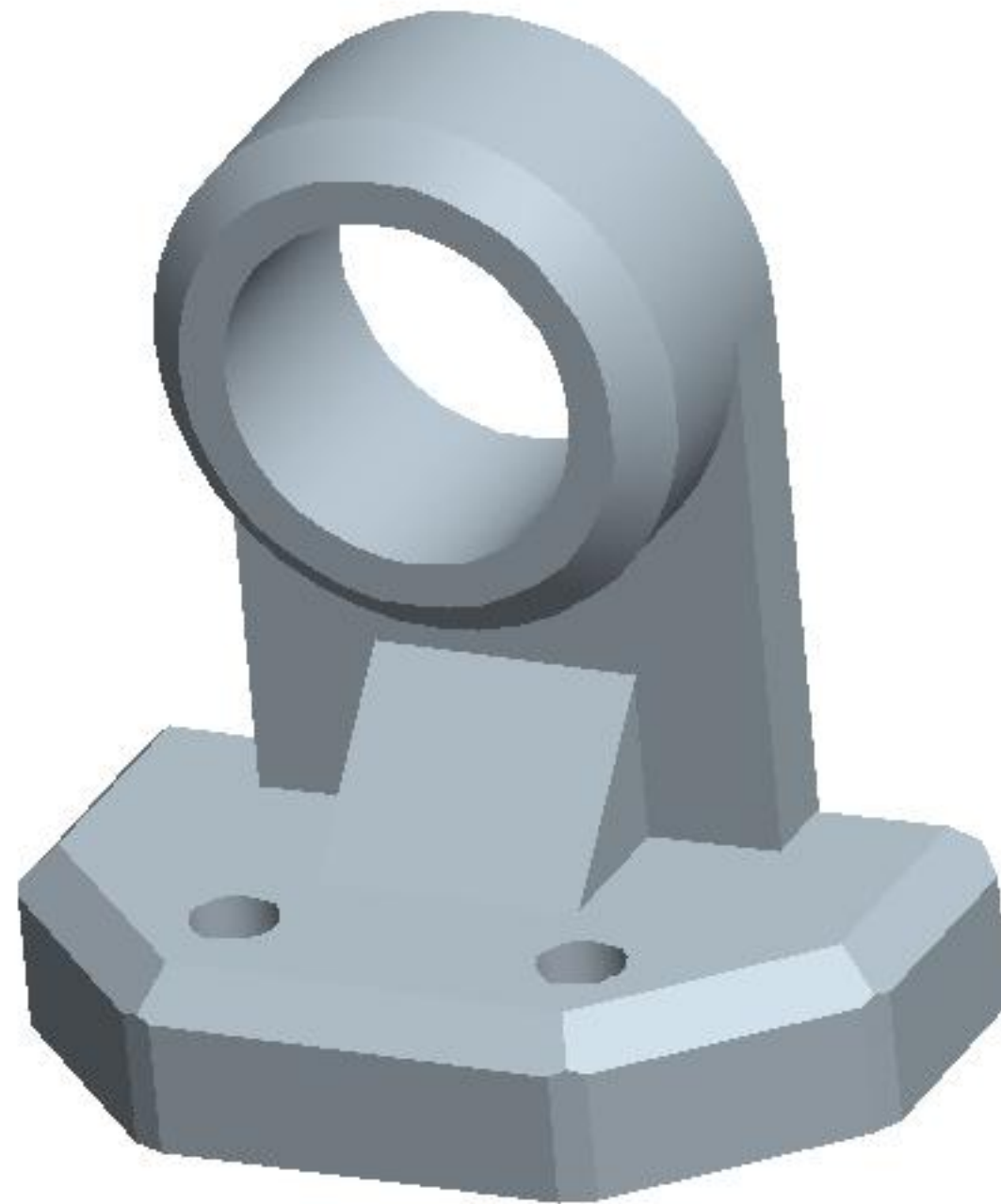


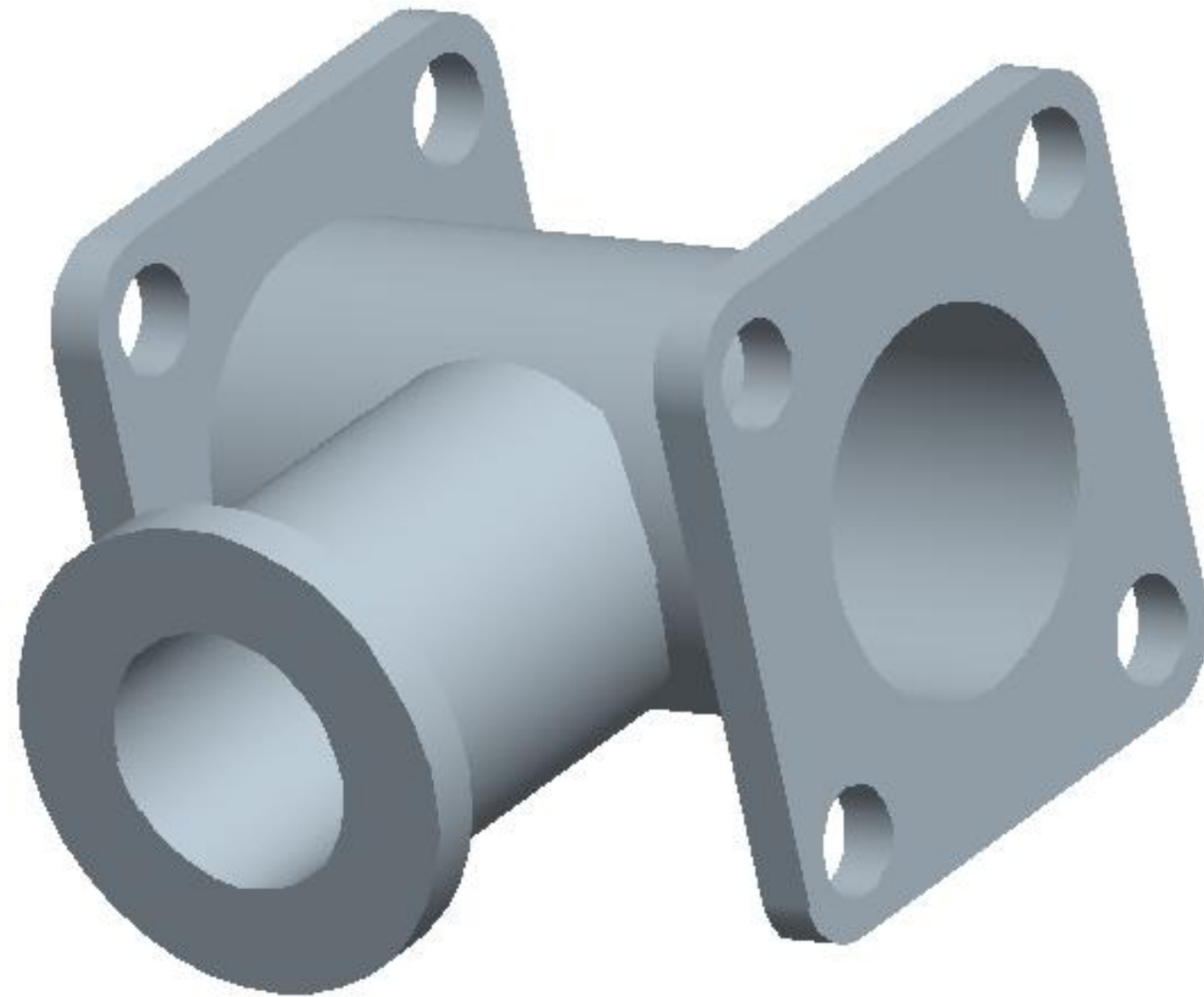


LESSON 5 – Modeling Utilities and 3 R's



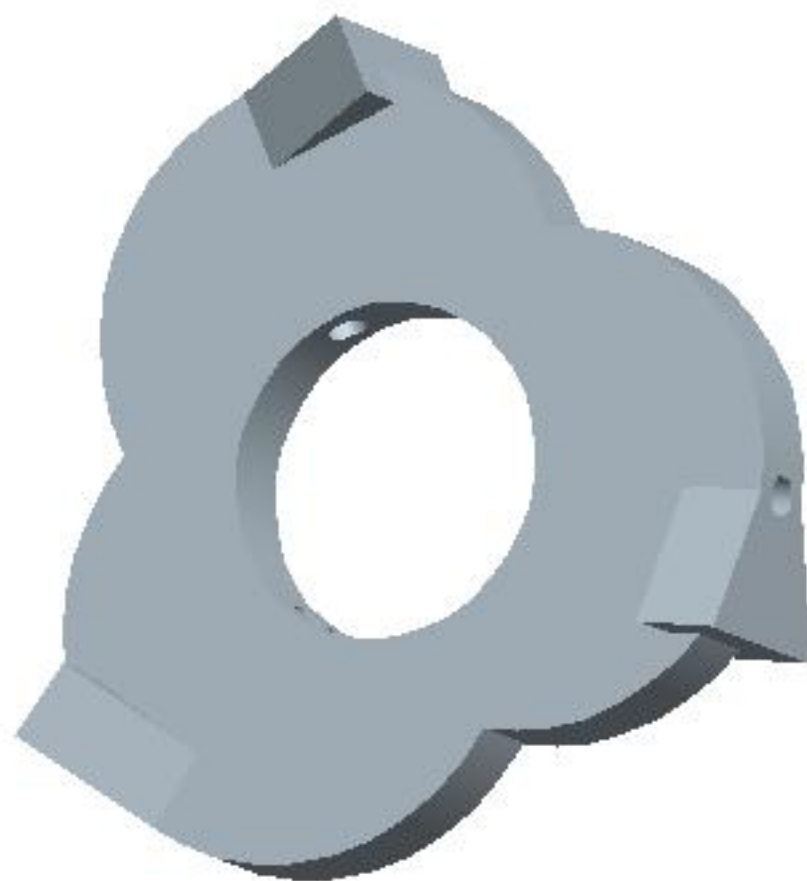


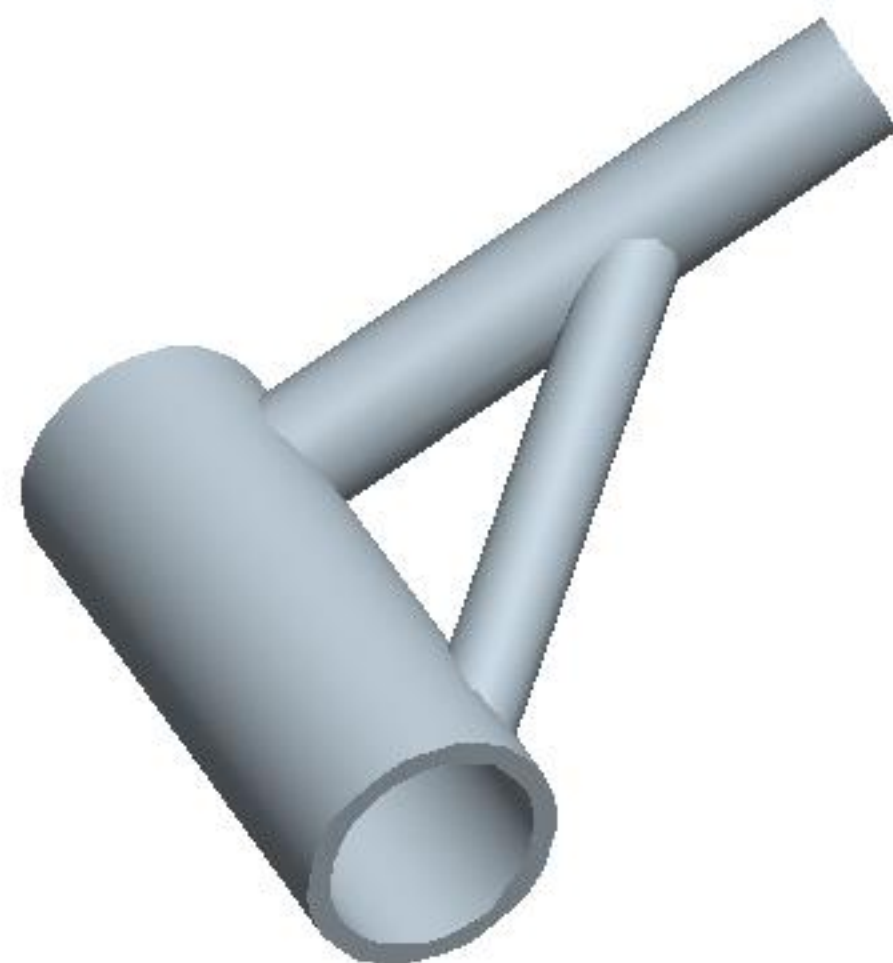


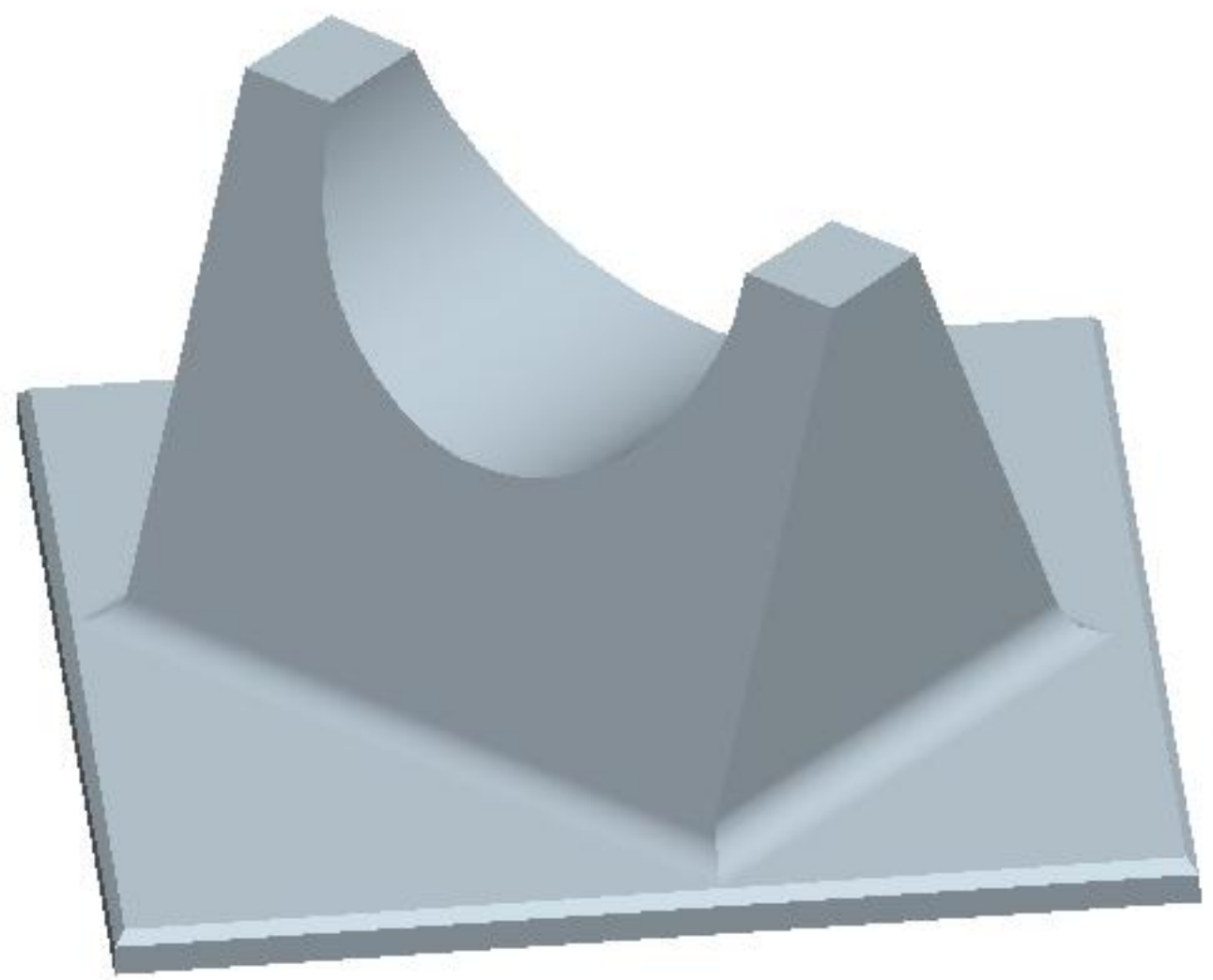


LESSON 6 – Datum Planes and Sketcher Tools



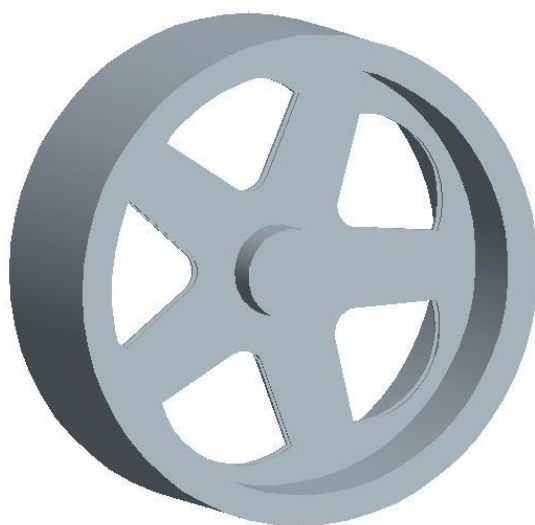


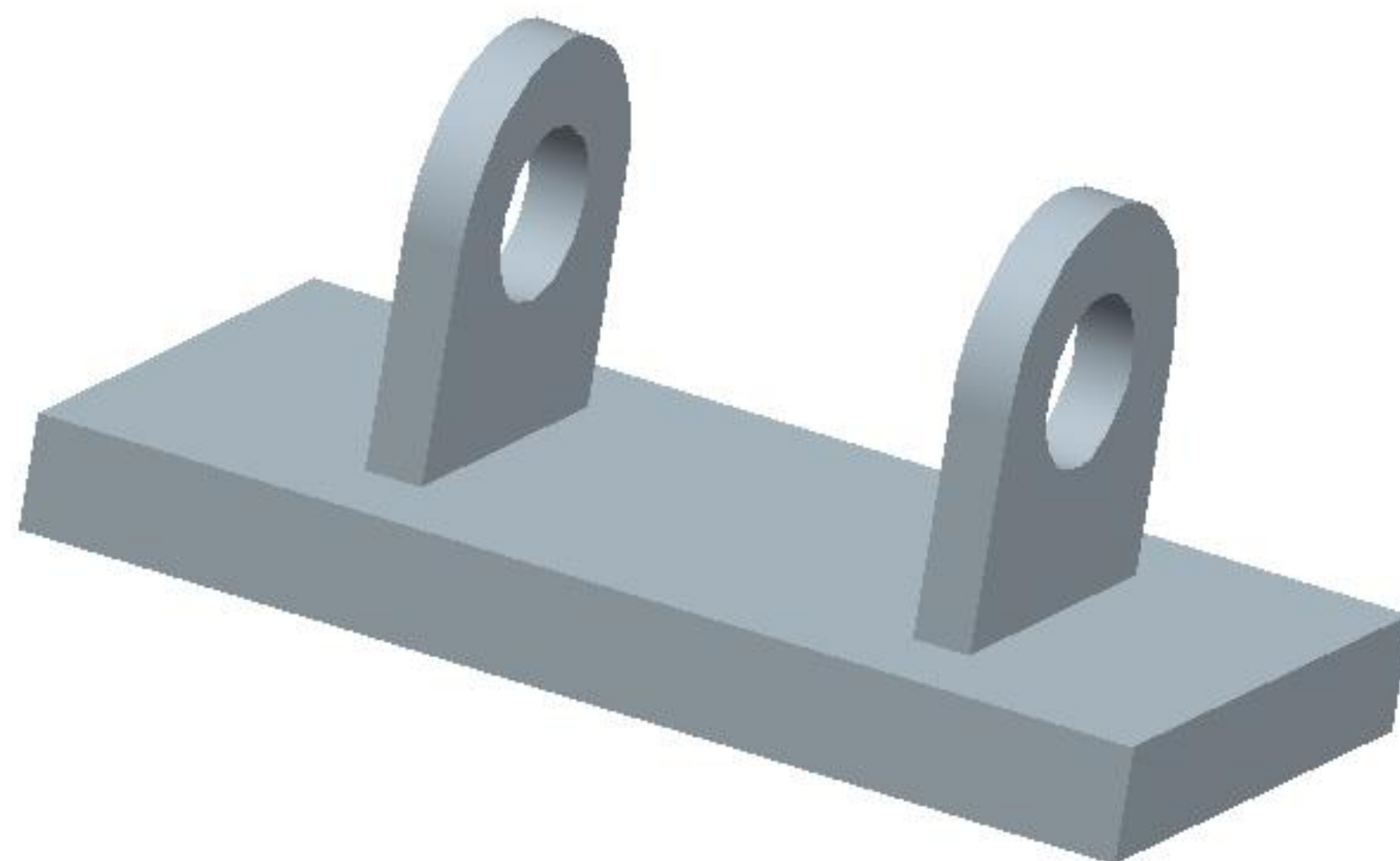


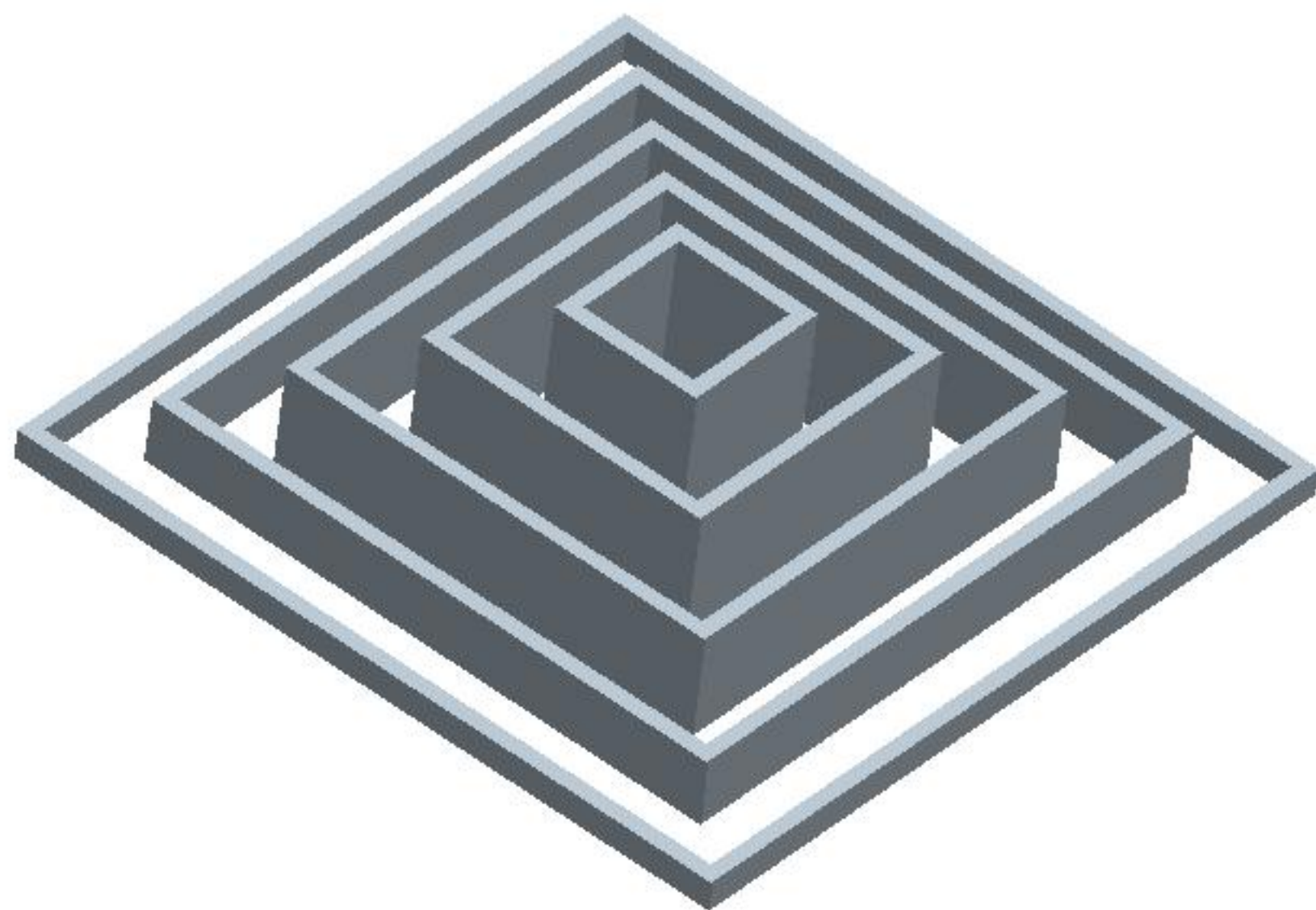


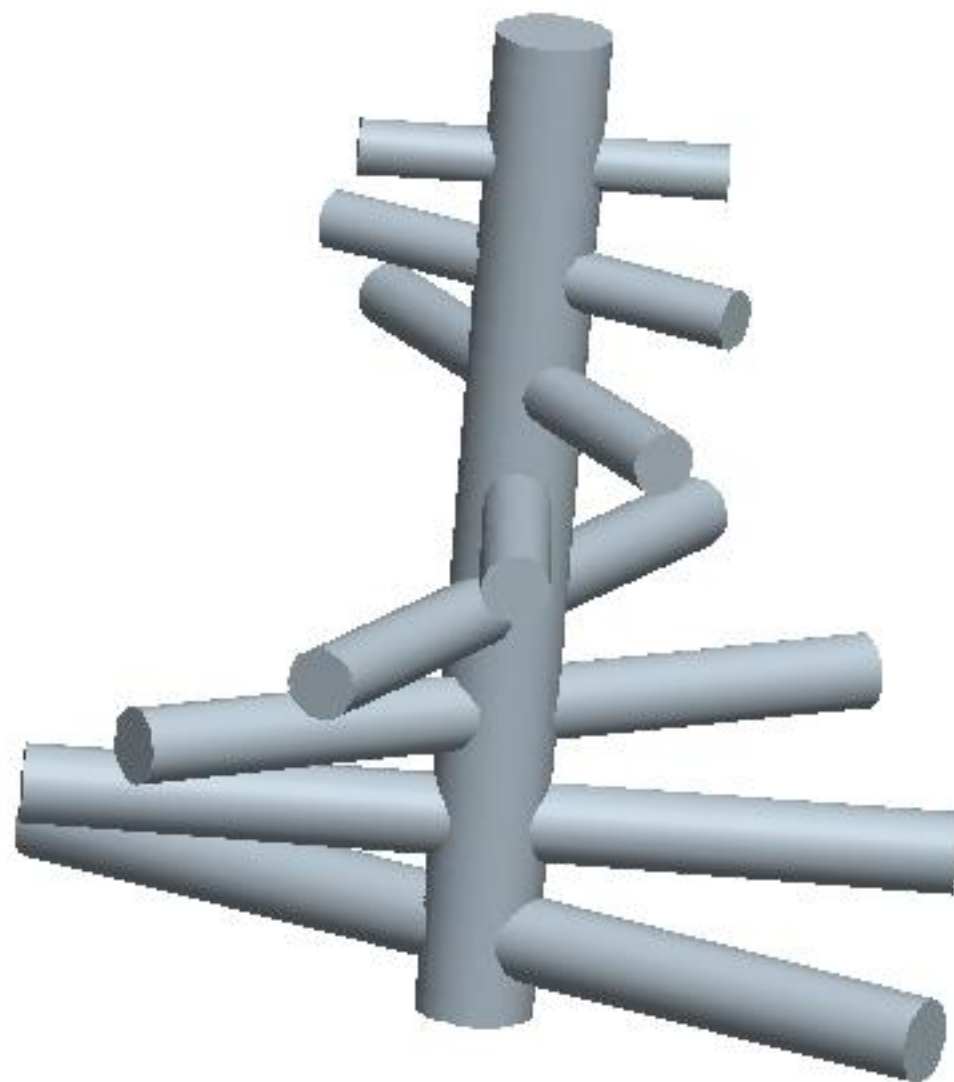


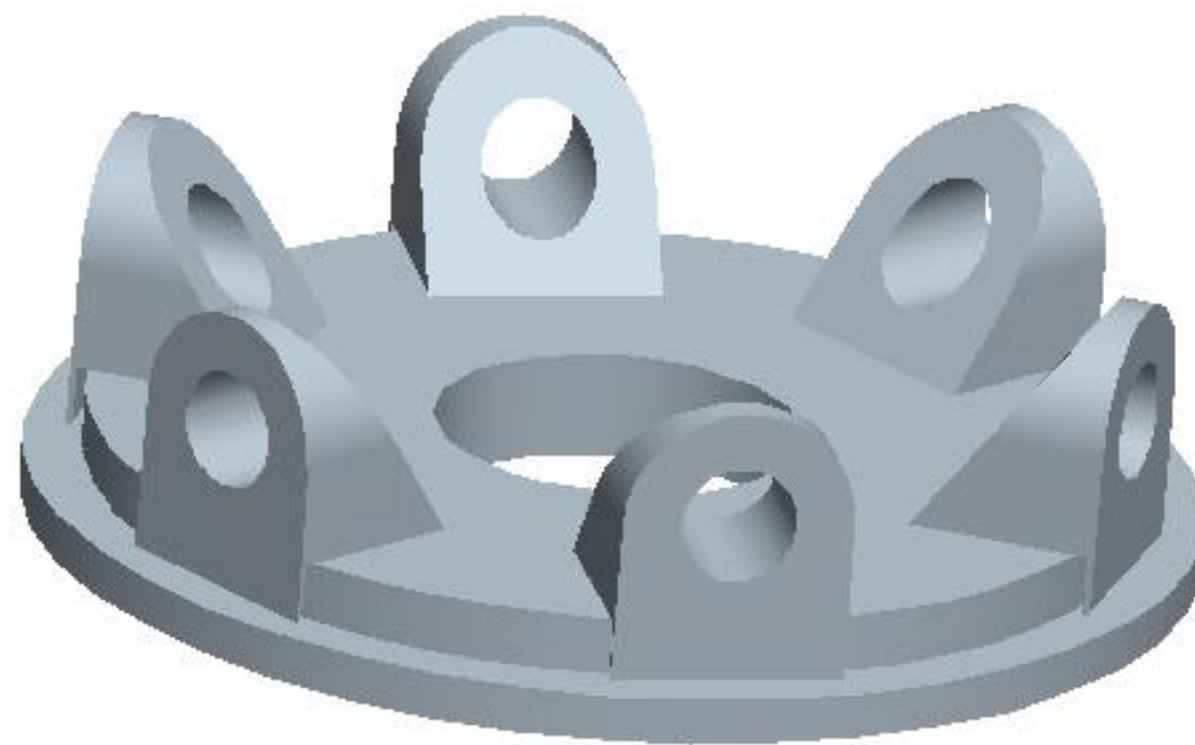
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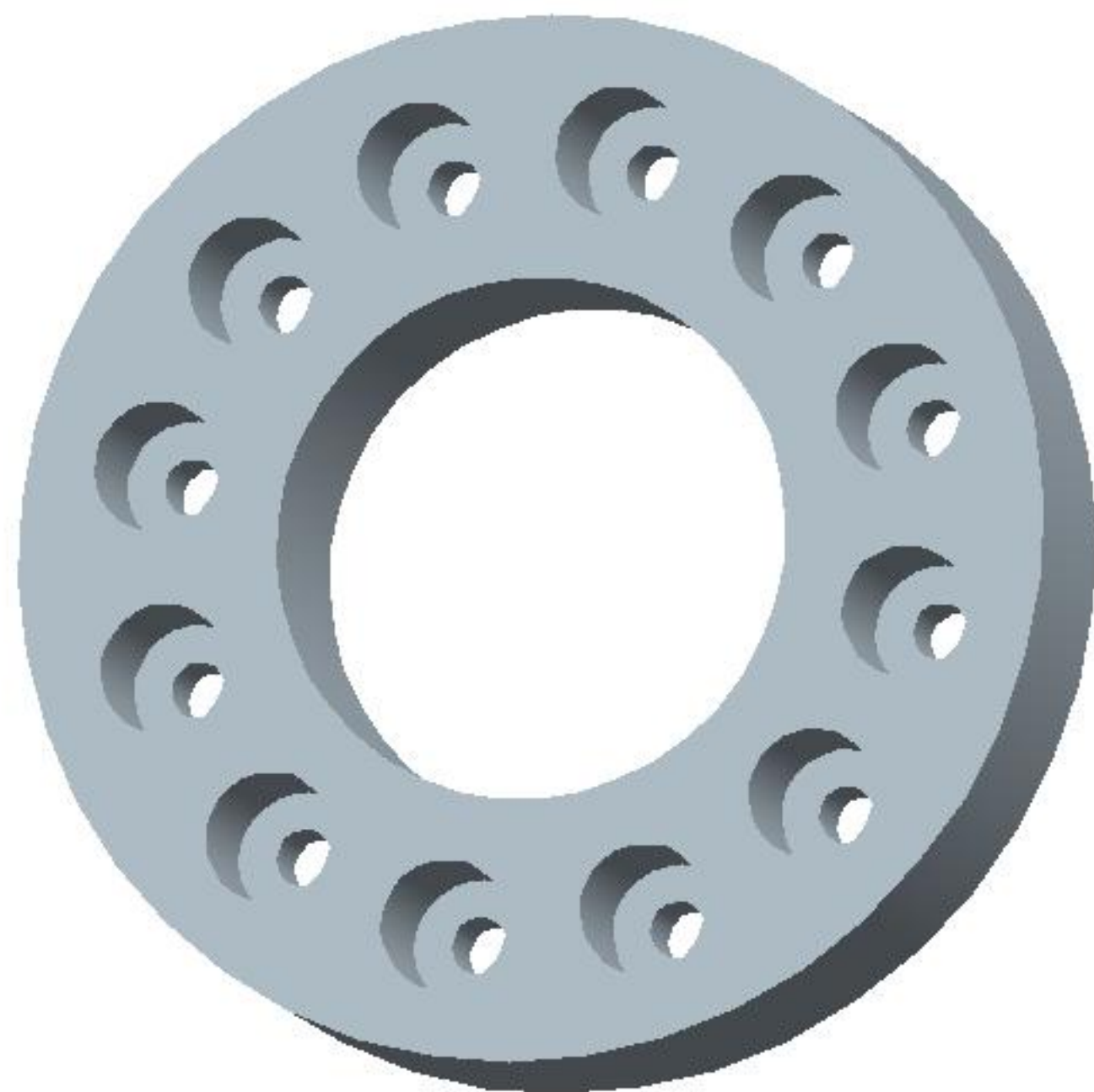


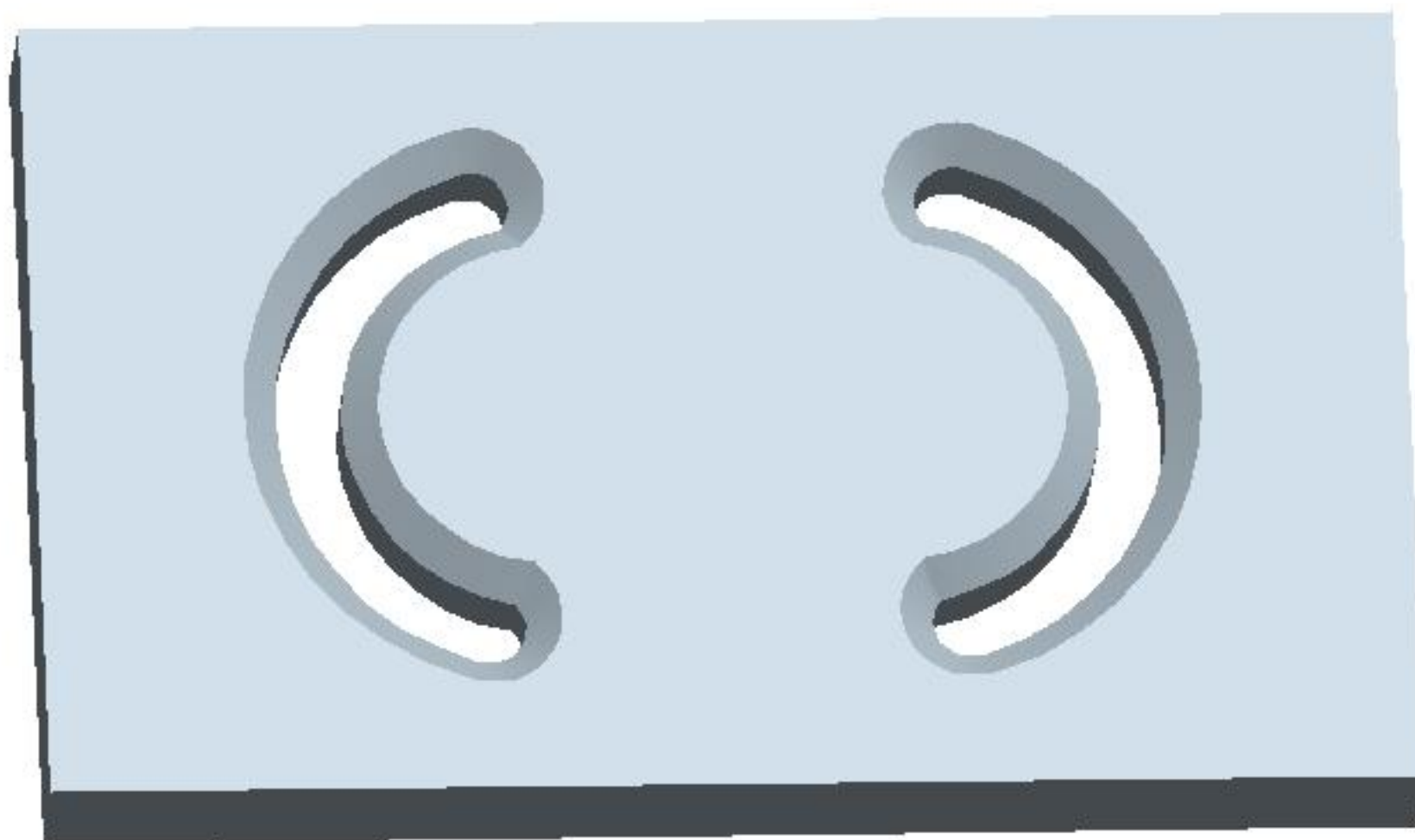


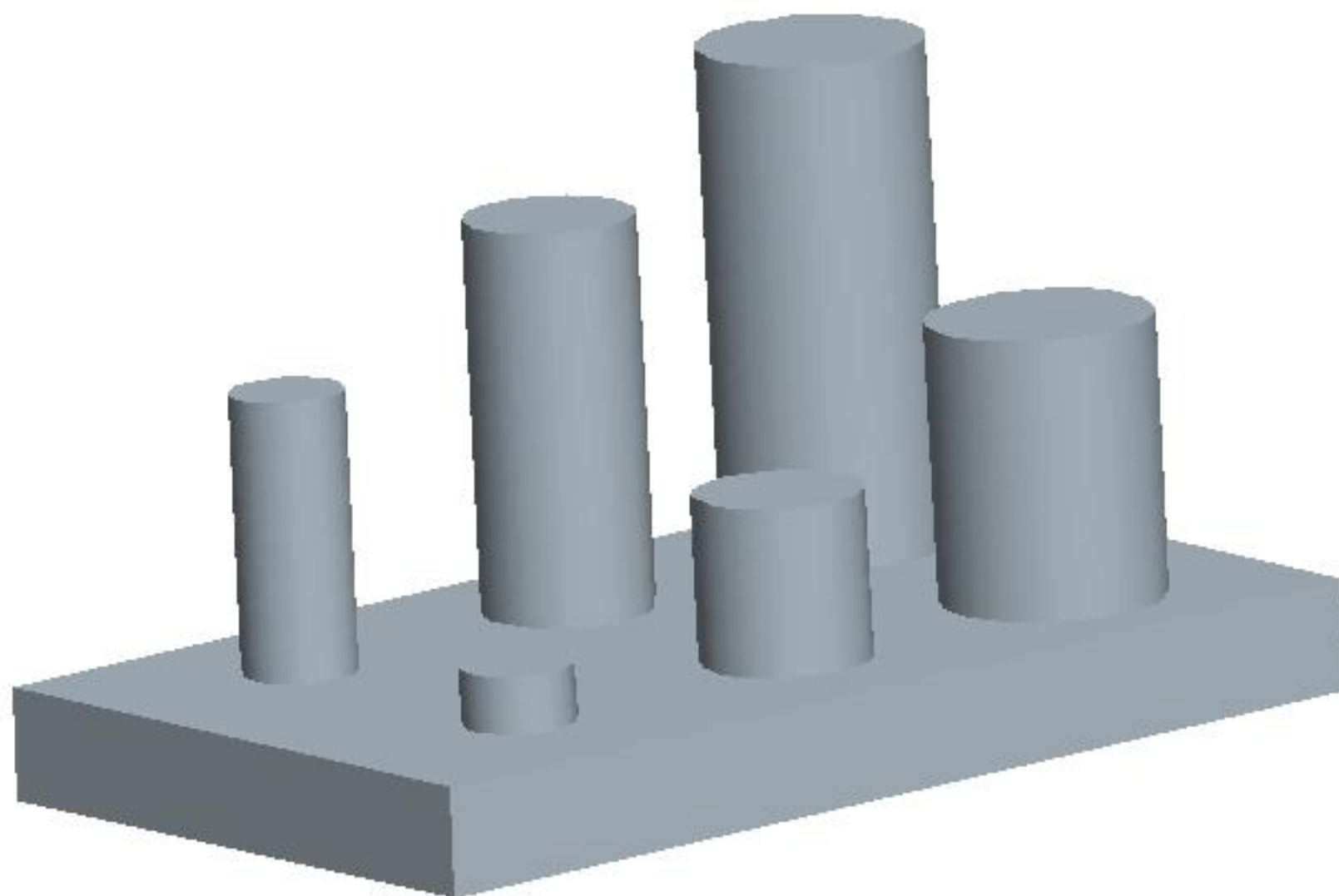


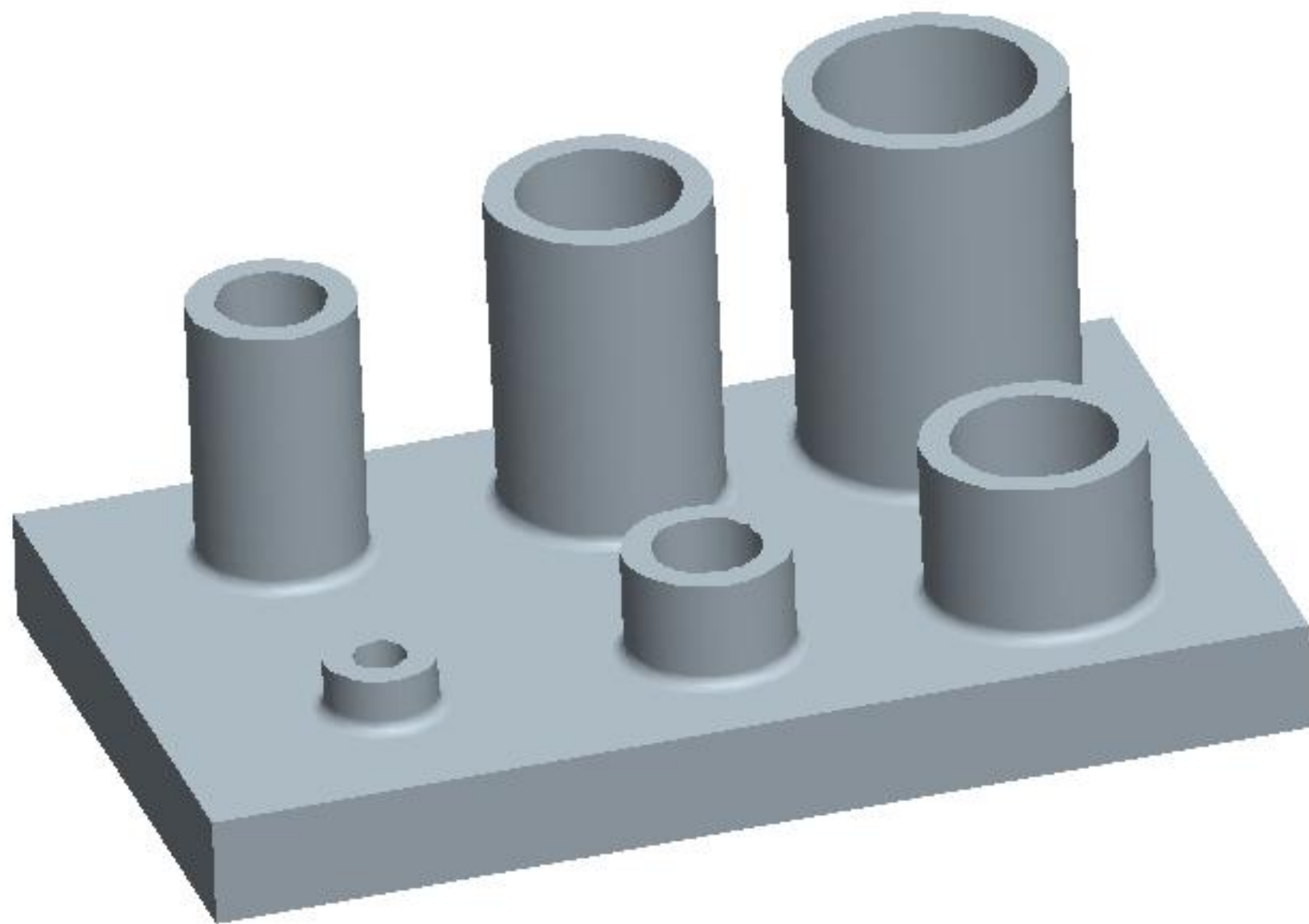


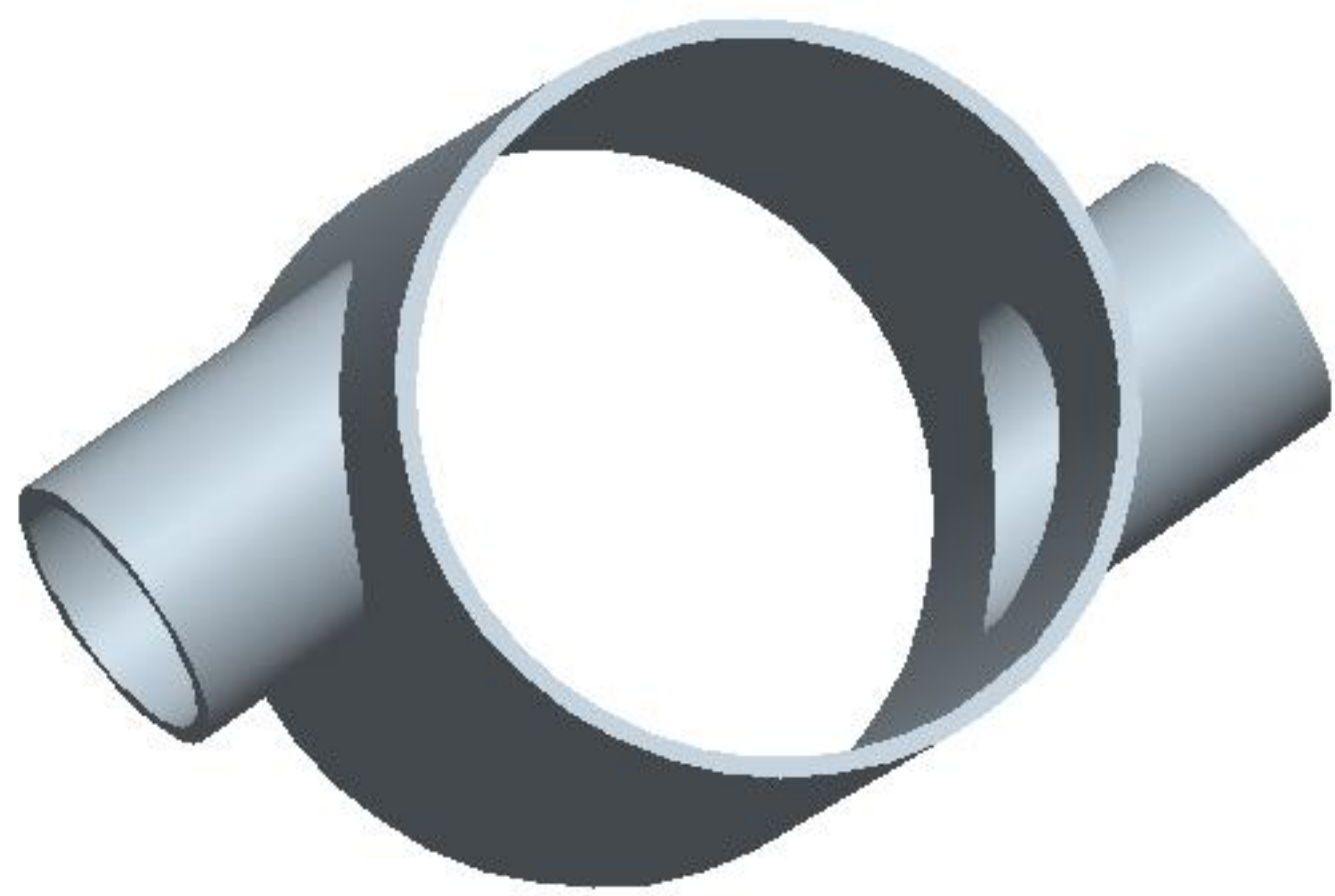


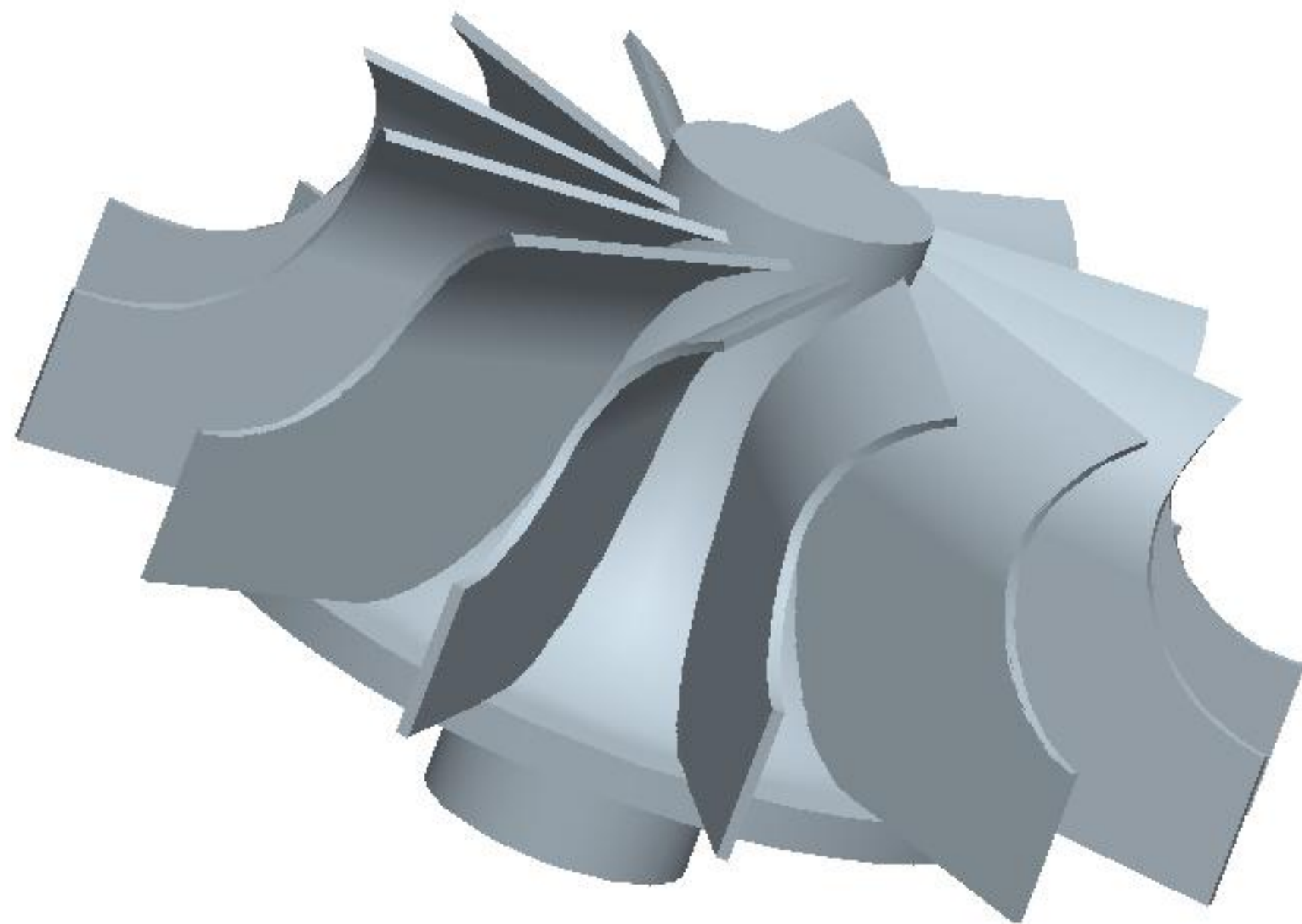


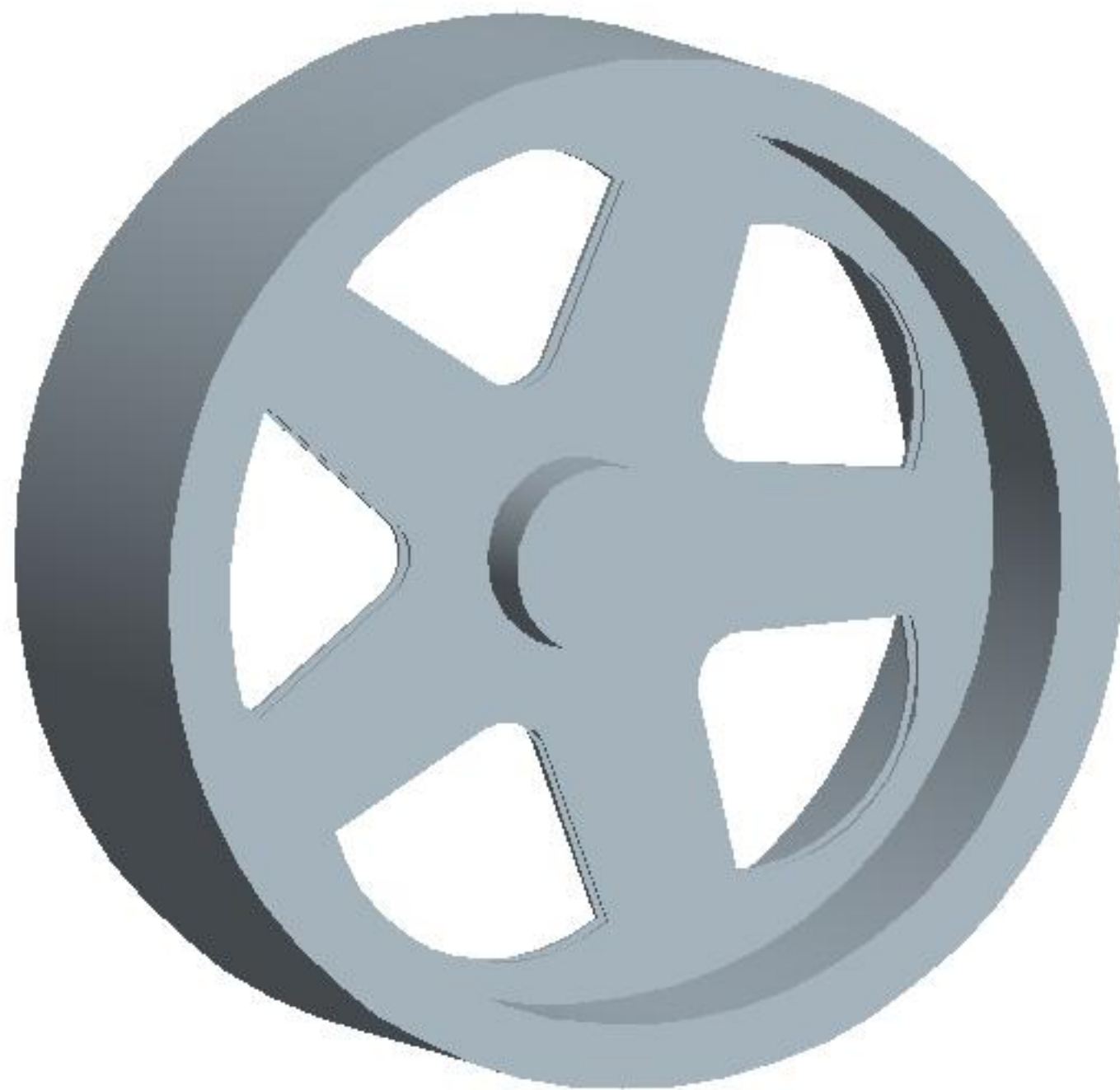




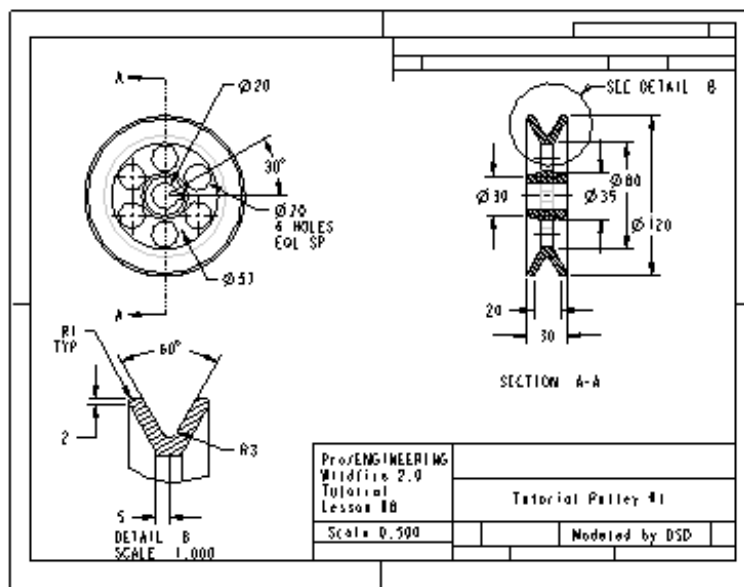




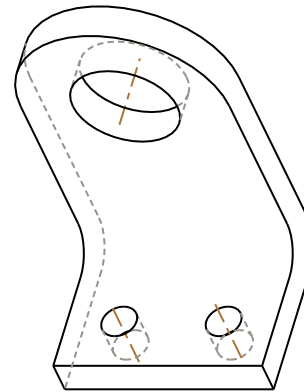
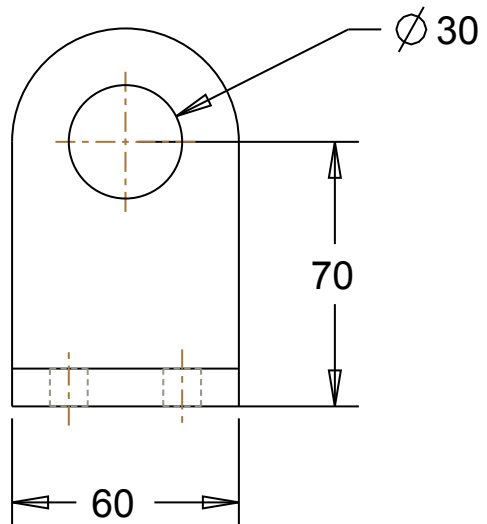
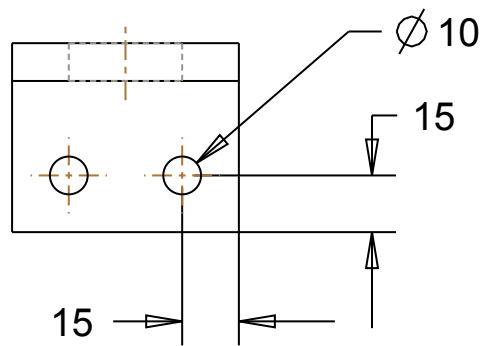




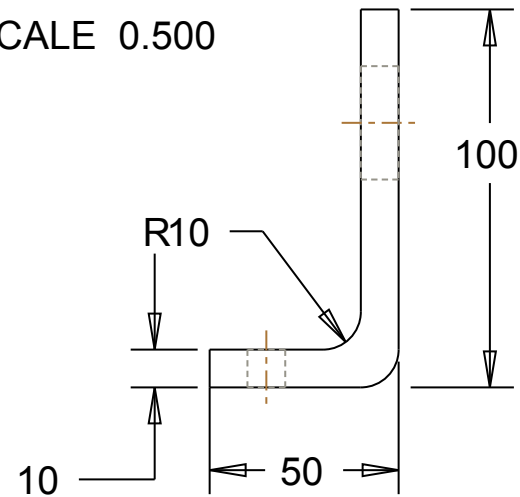
LESSON 8 – Engineering Drawings







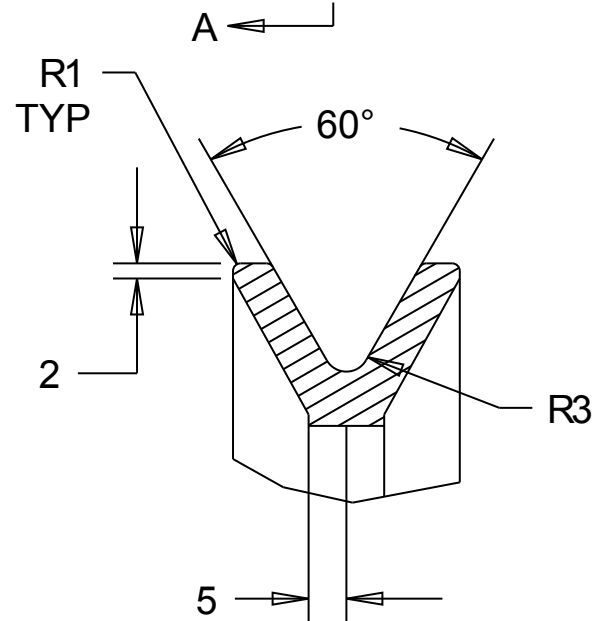
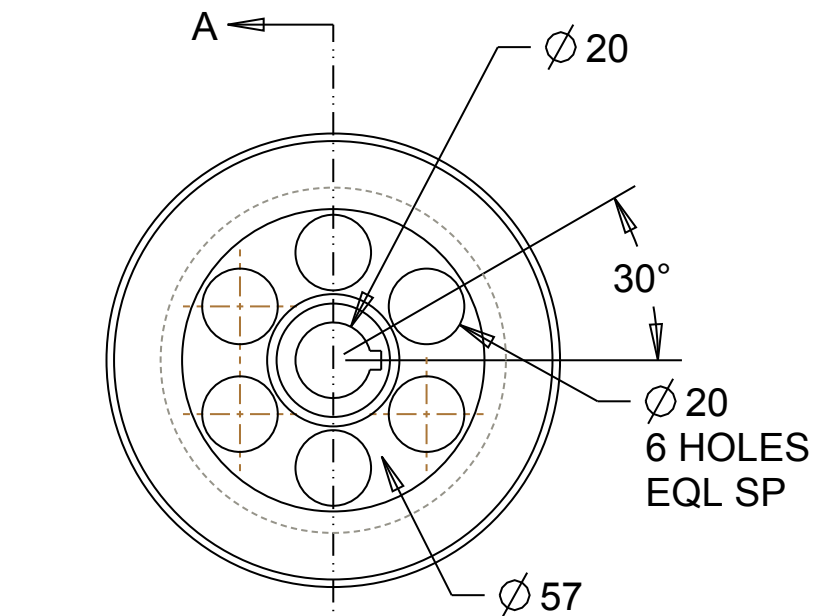
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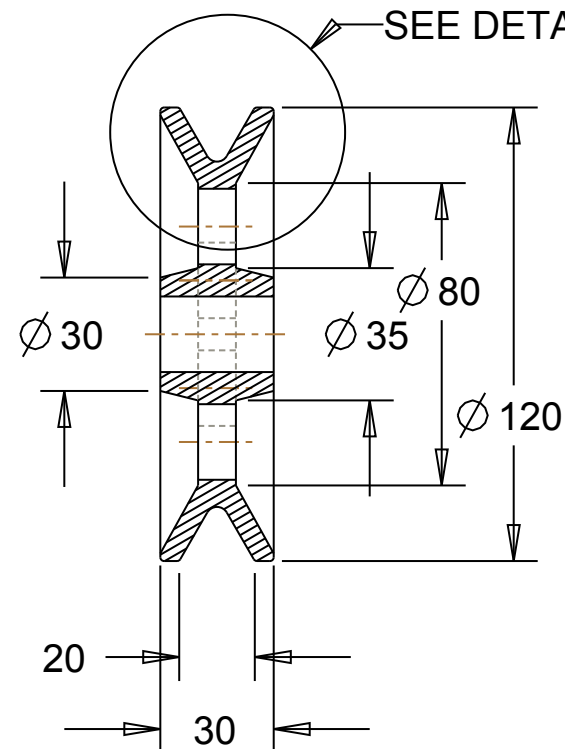
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DETAIL B
SCALE 1.000



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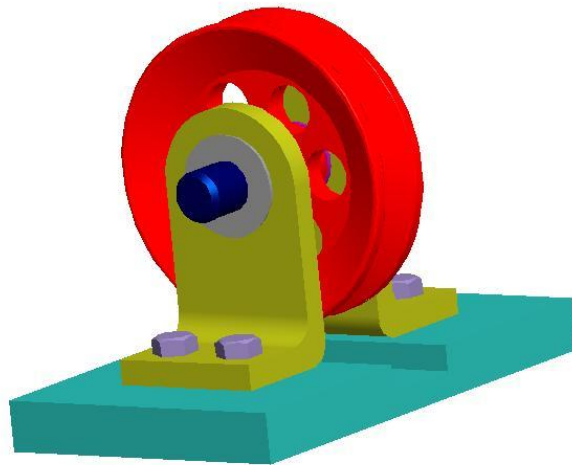
Pro/ENGINEERING
Wildfire 2.0
Tutorial
Lesson #8

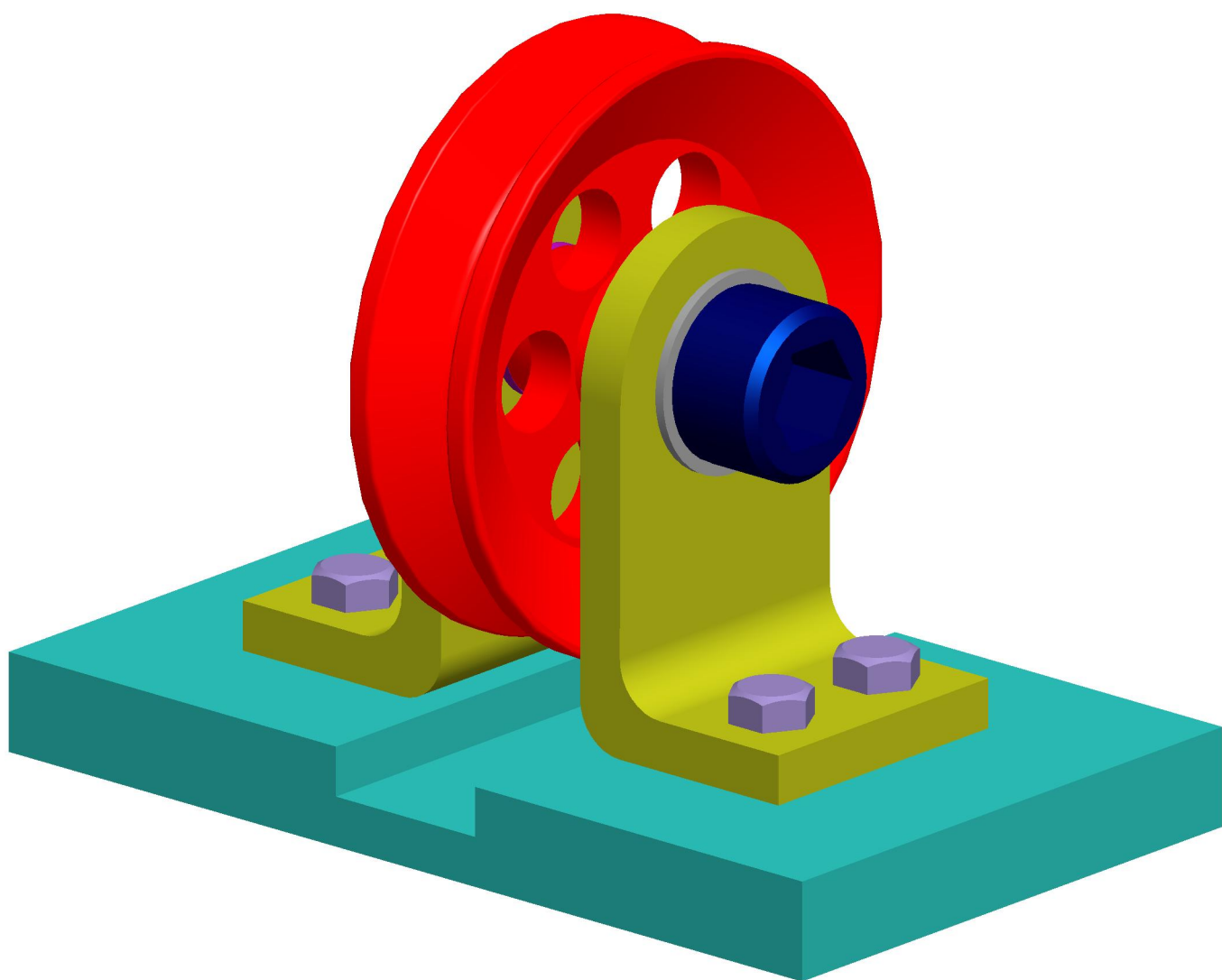
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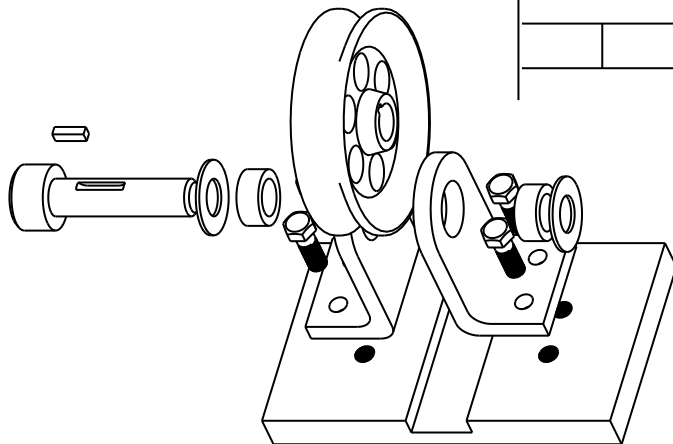
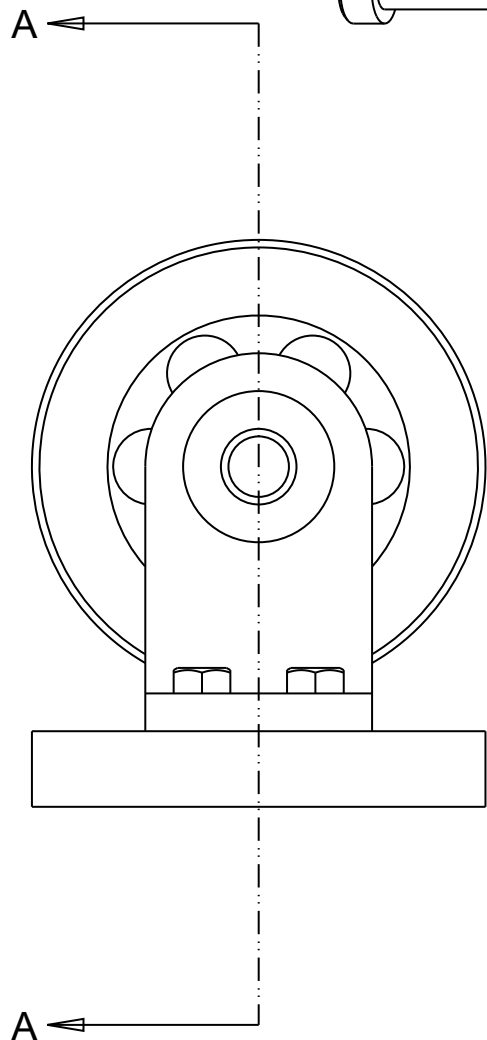
Tutorial Pulley #1

Modeled by DSD

LESSON 9 – Assembly Fundamentals







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Bushings (2)

Axle

Brackets (2)

Base Plate

Pulley

Key

Washers (2)

Bolts (4)

SECTION A-A

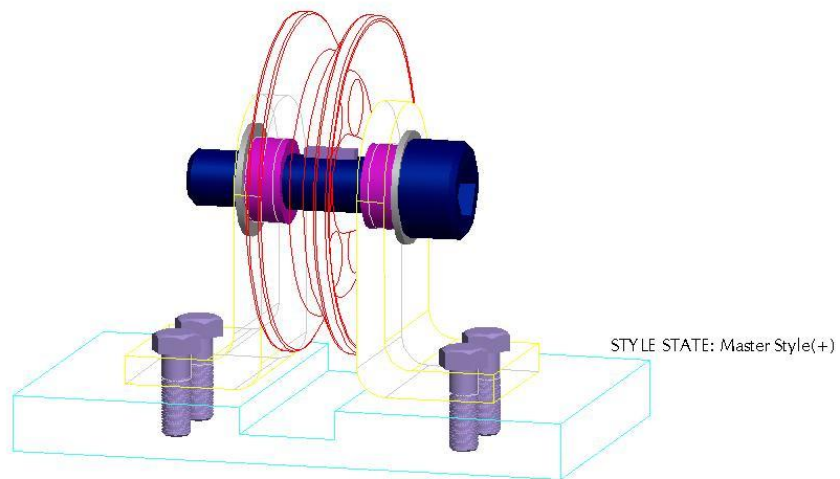
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Wildfire 2.0
Tutorial
Lesson #10

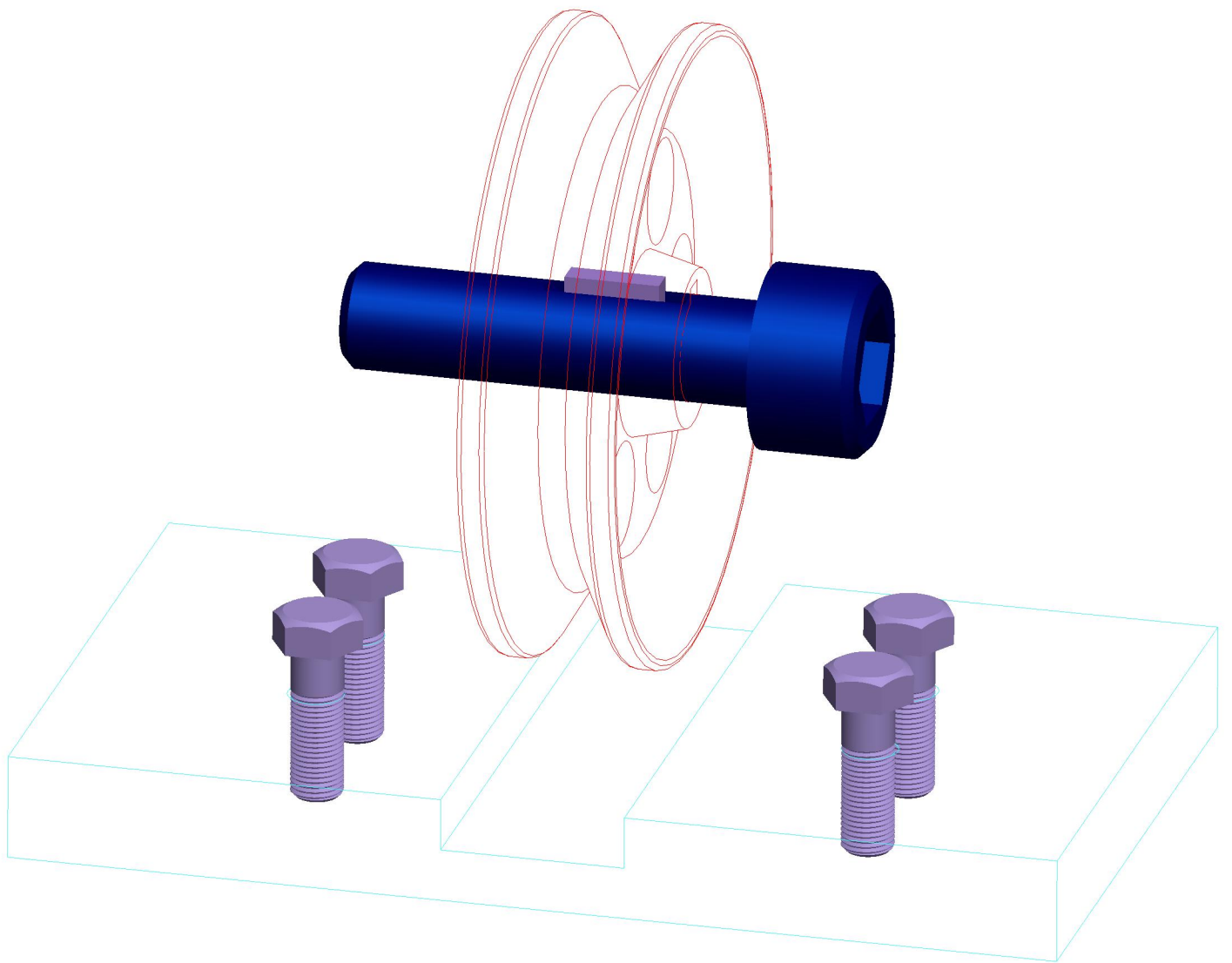
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Pulley Assembly

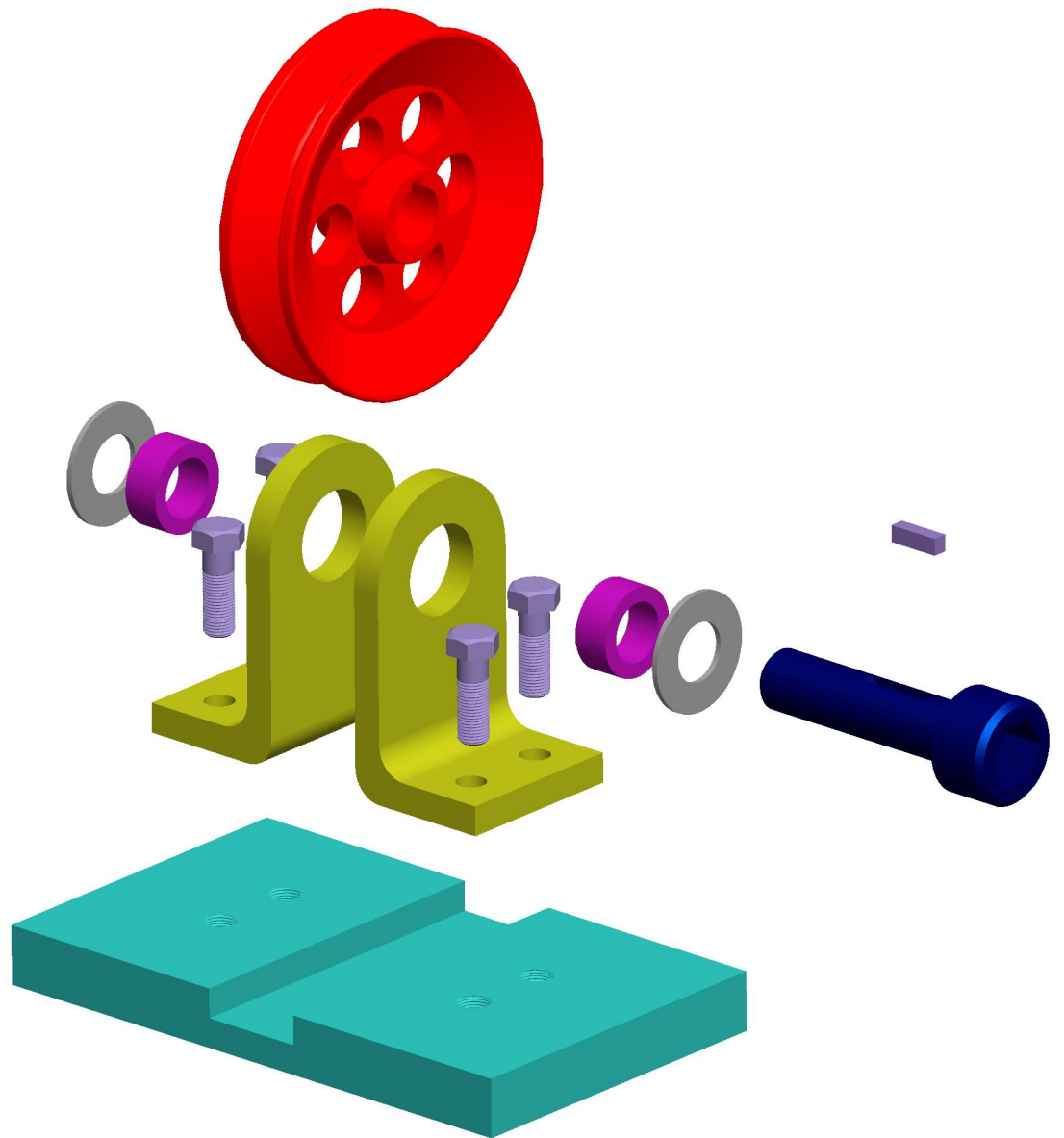
Modeled by DSD

LESSON 10 – Assembly Operations

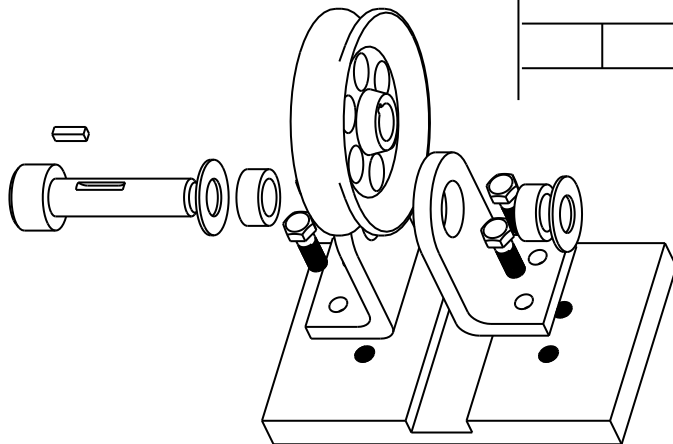
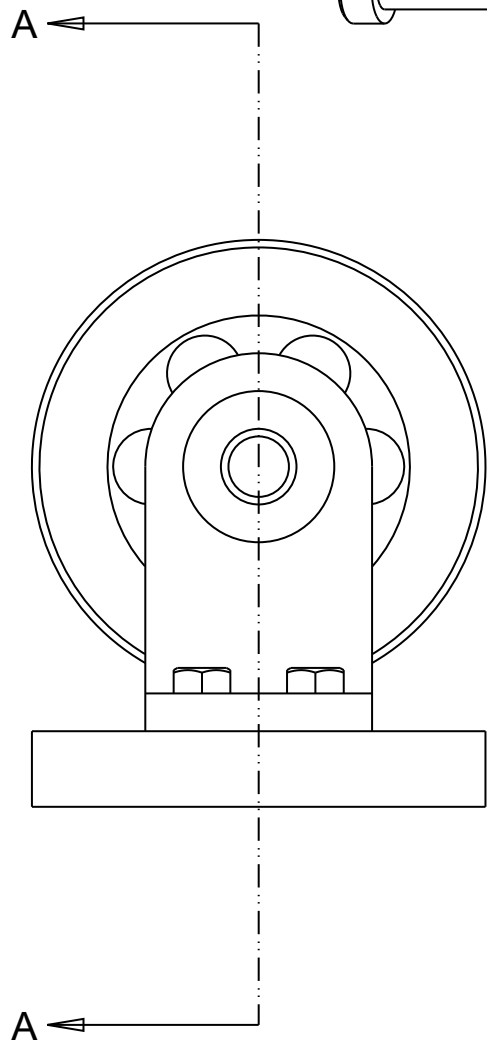




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Explode State:EXPLSTATE[0]
Style State:Master Style(+)



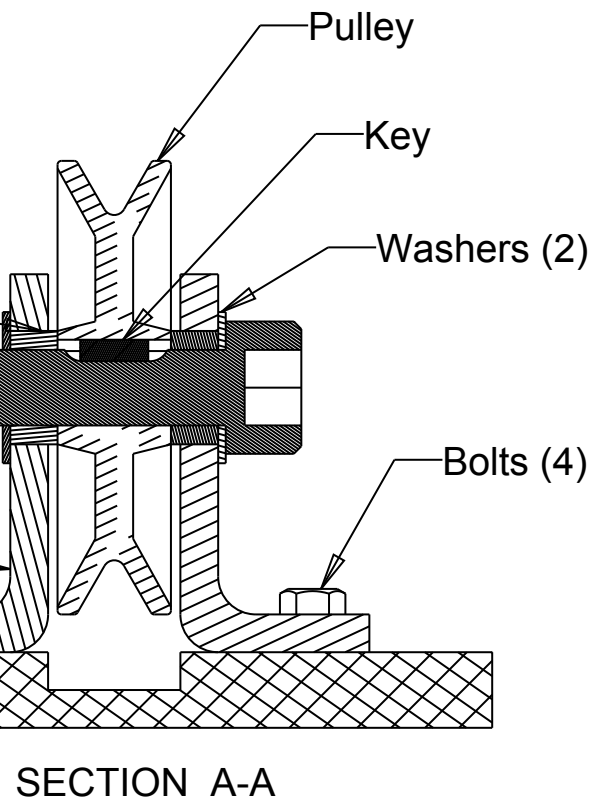
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Bushings (2)

Axle

Brackets (2)

Base Plate



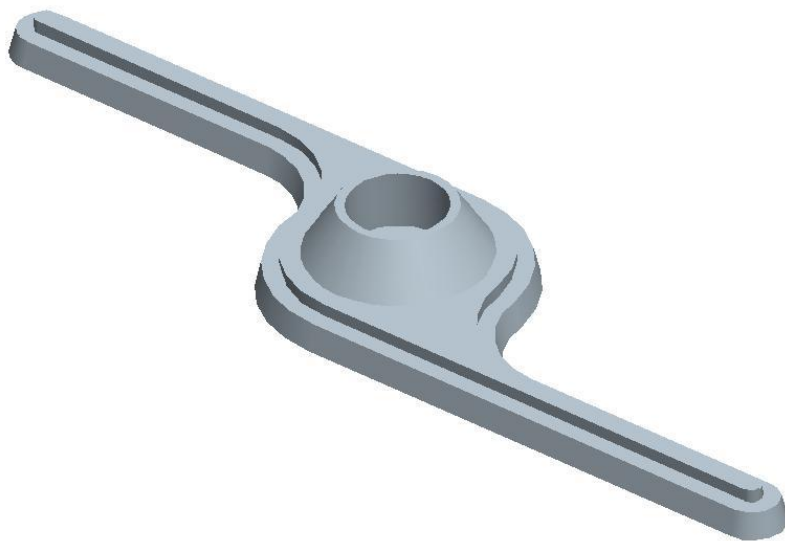
Pro/ENGINEER
Wildfire 2.0
Tutorial
Lesson #10

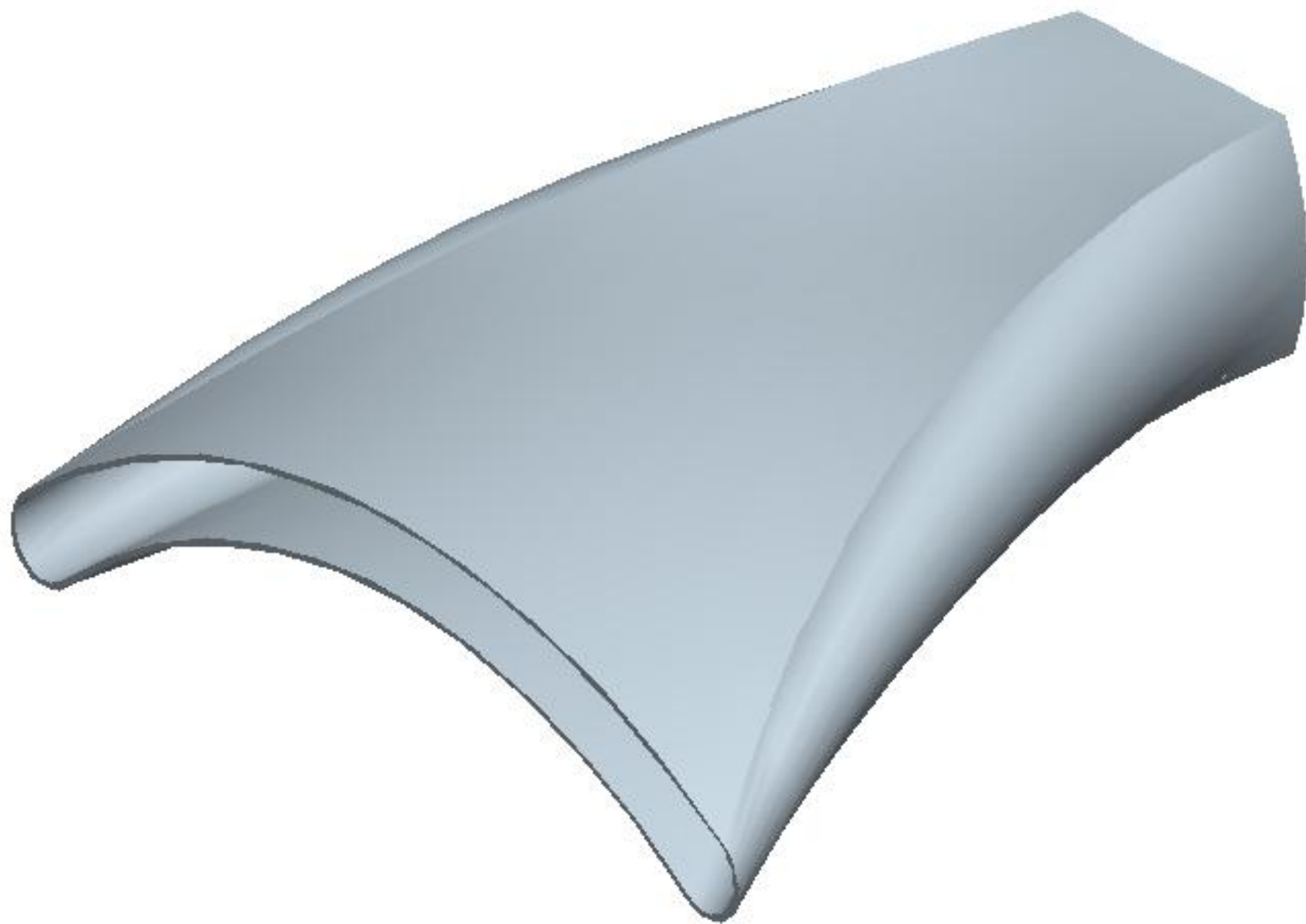
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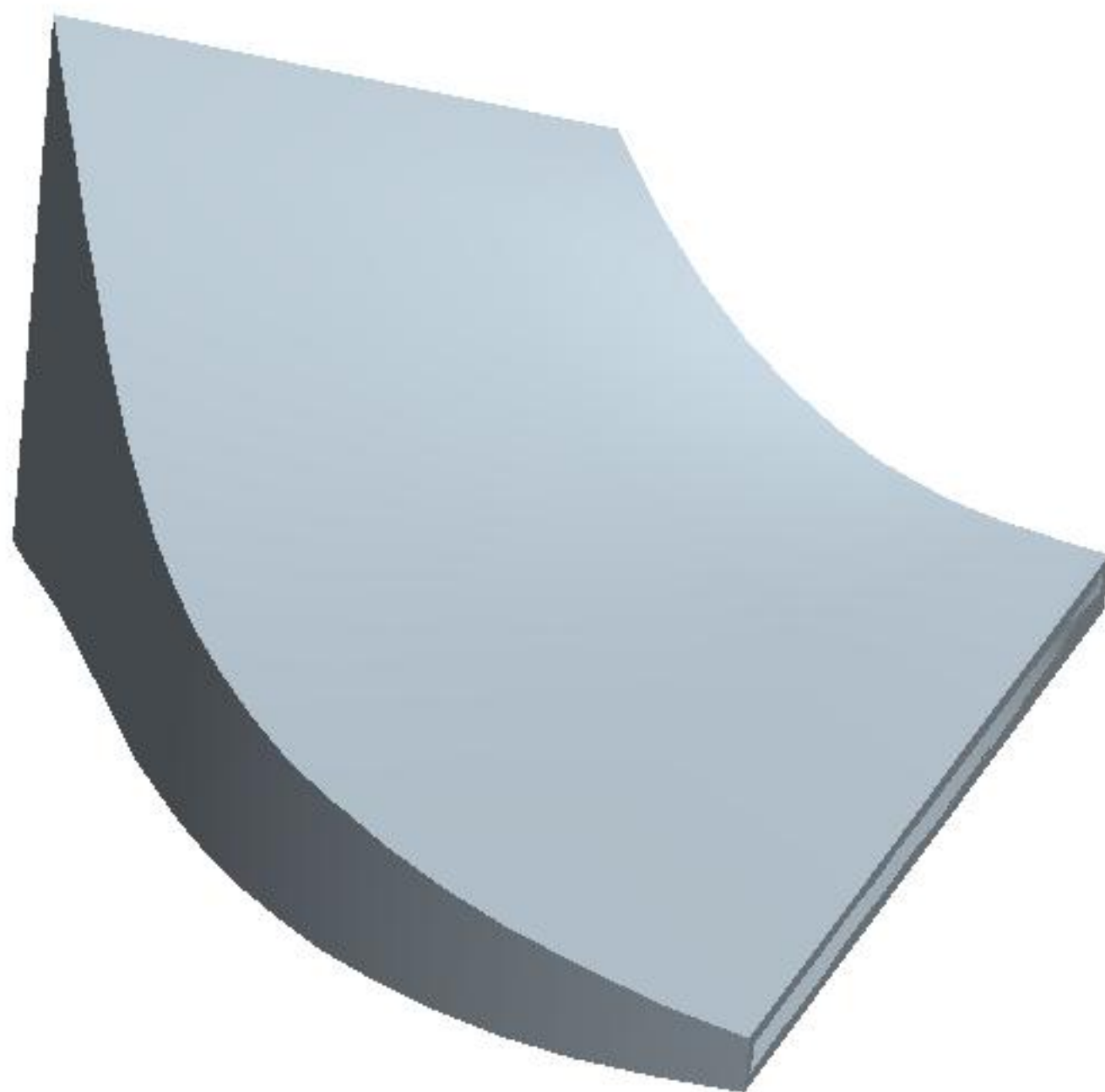
Pulley Assembly

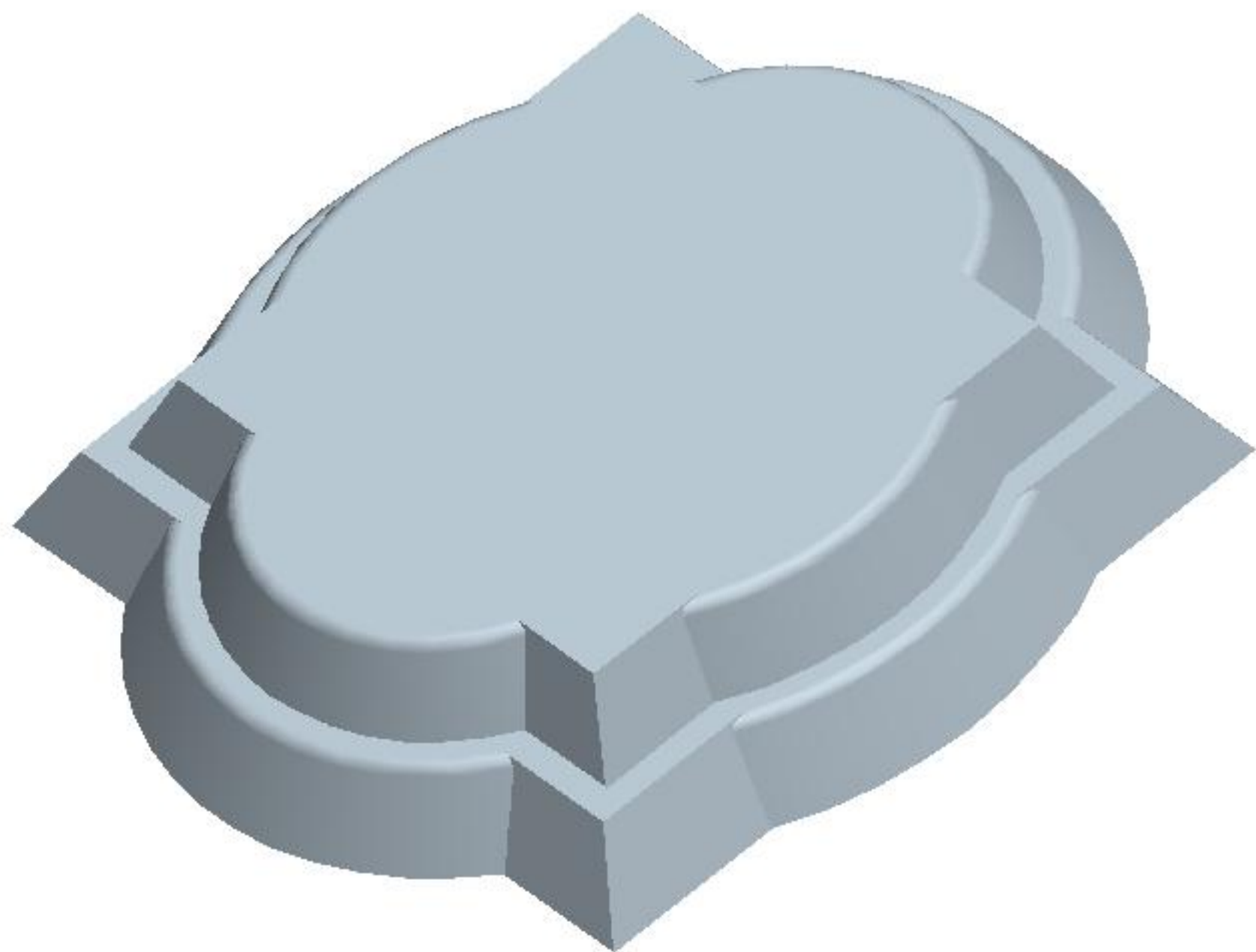
Modeled by DSD

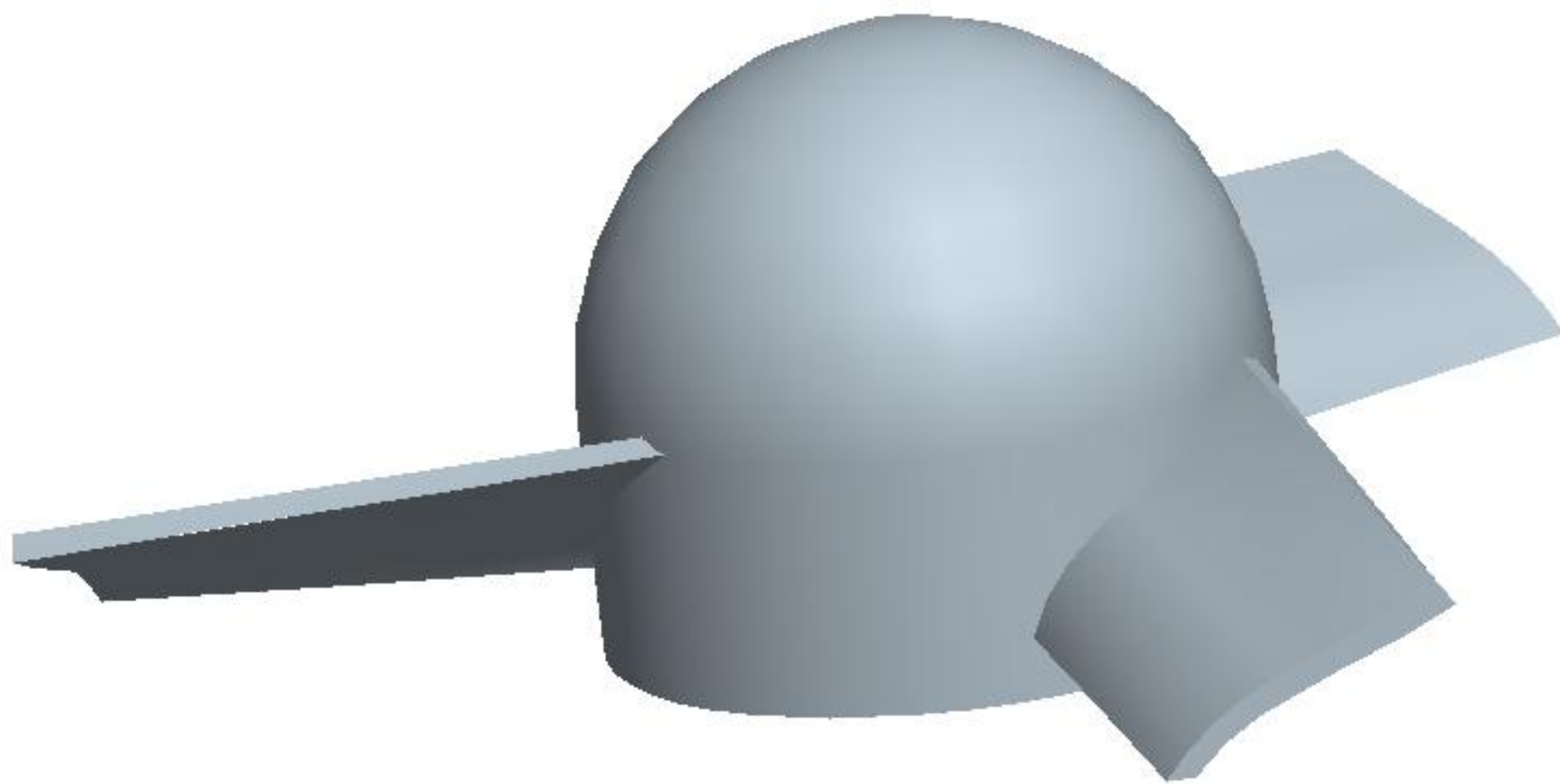
LESSON 11 – Sweeps and Blends

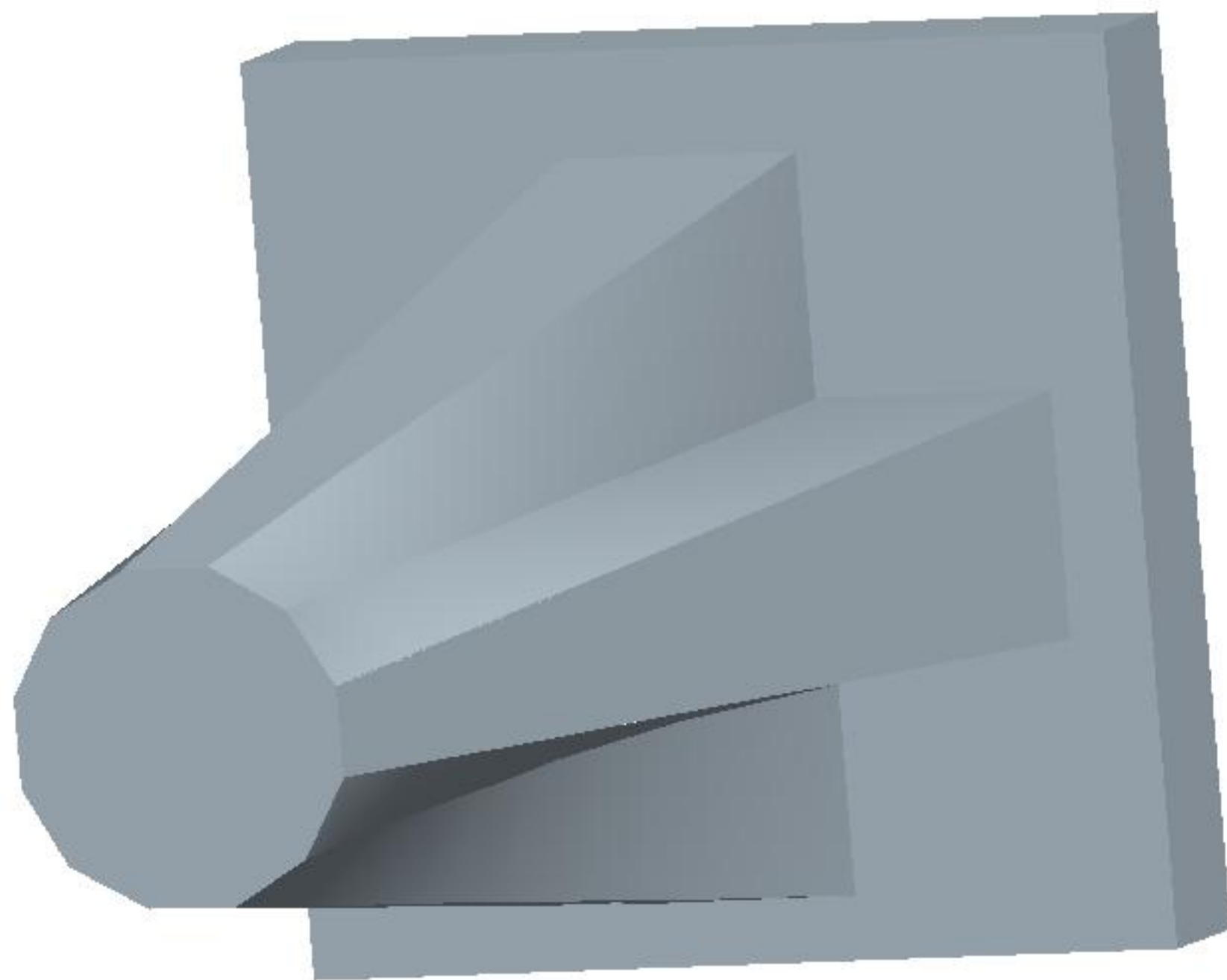


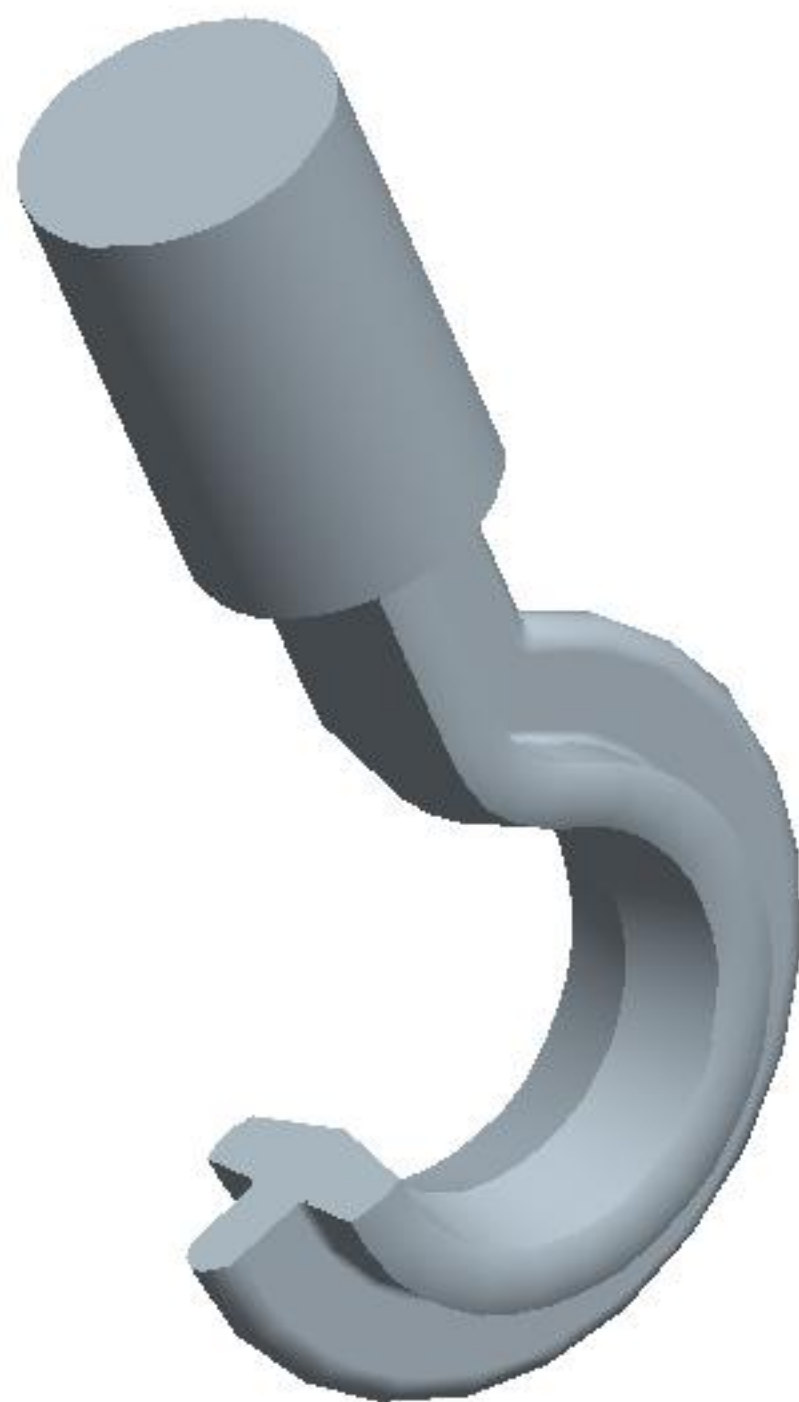


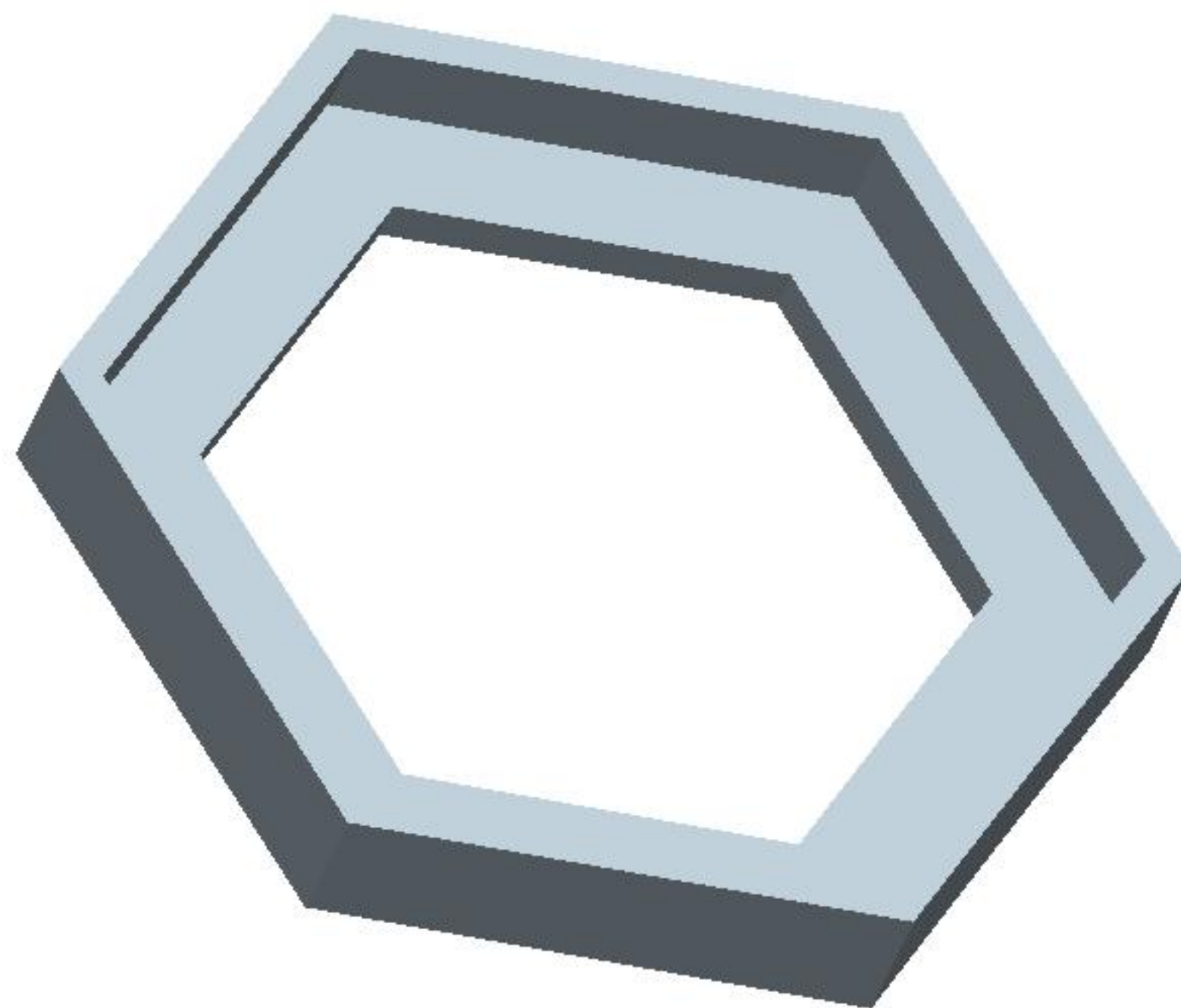


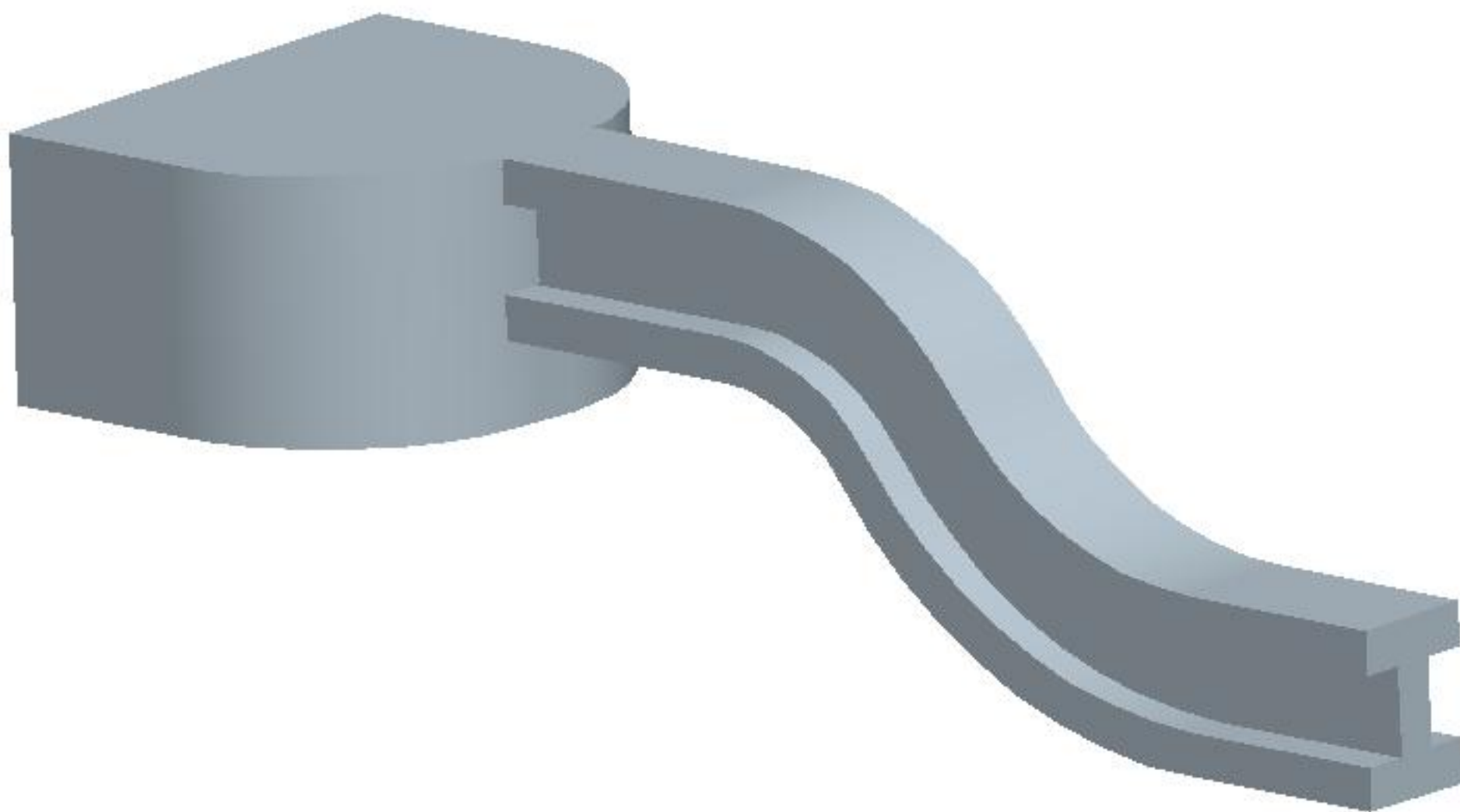


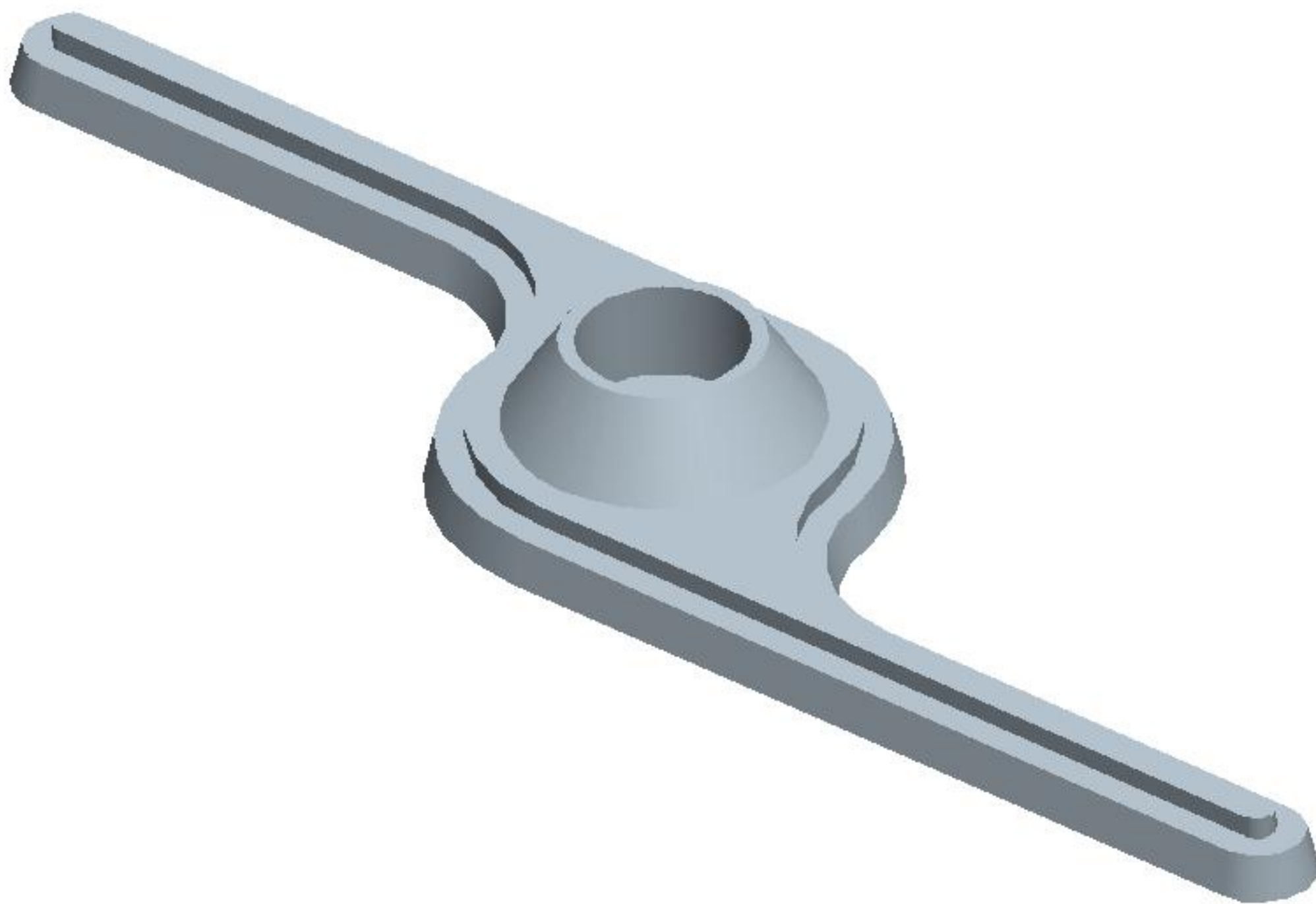


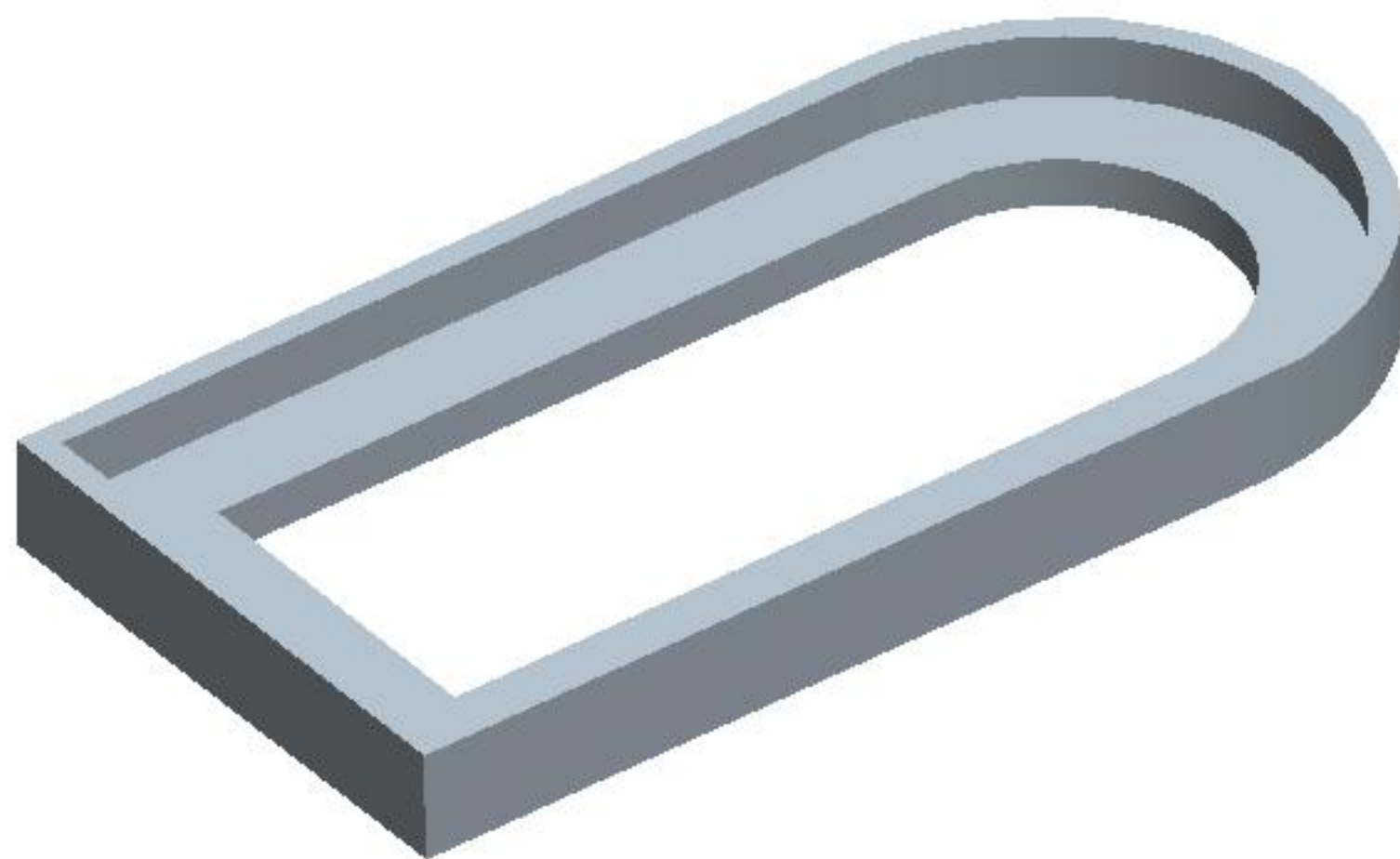


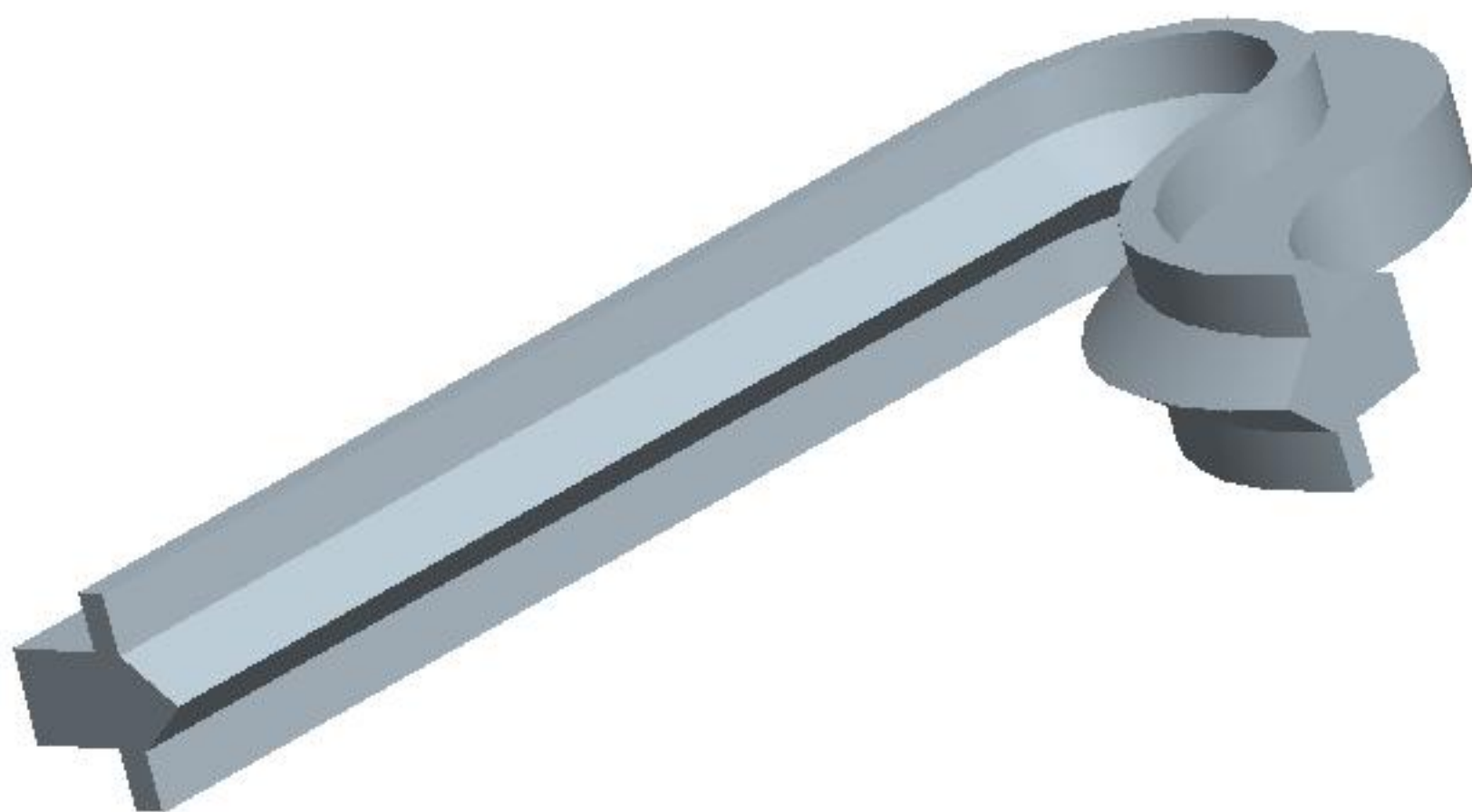


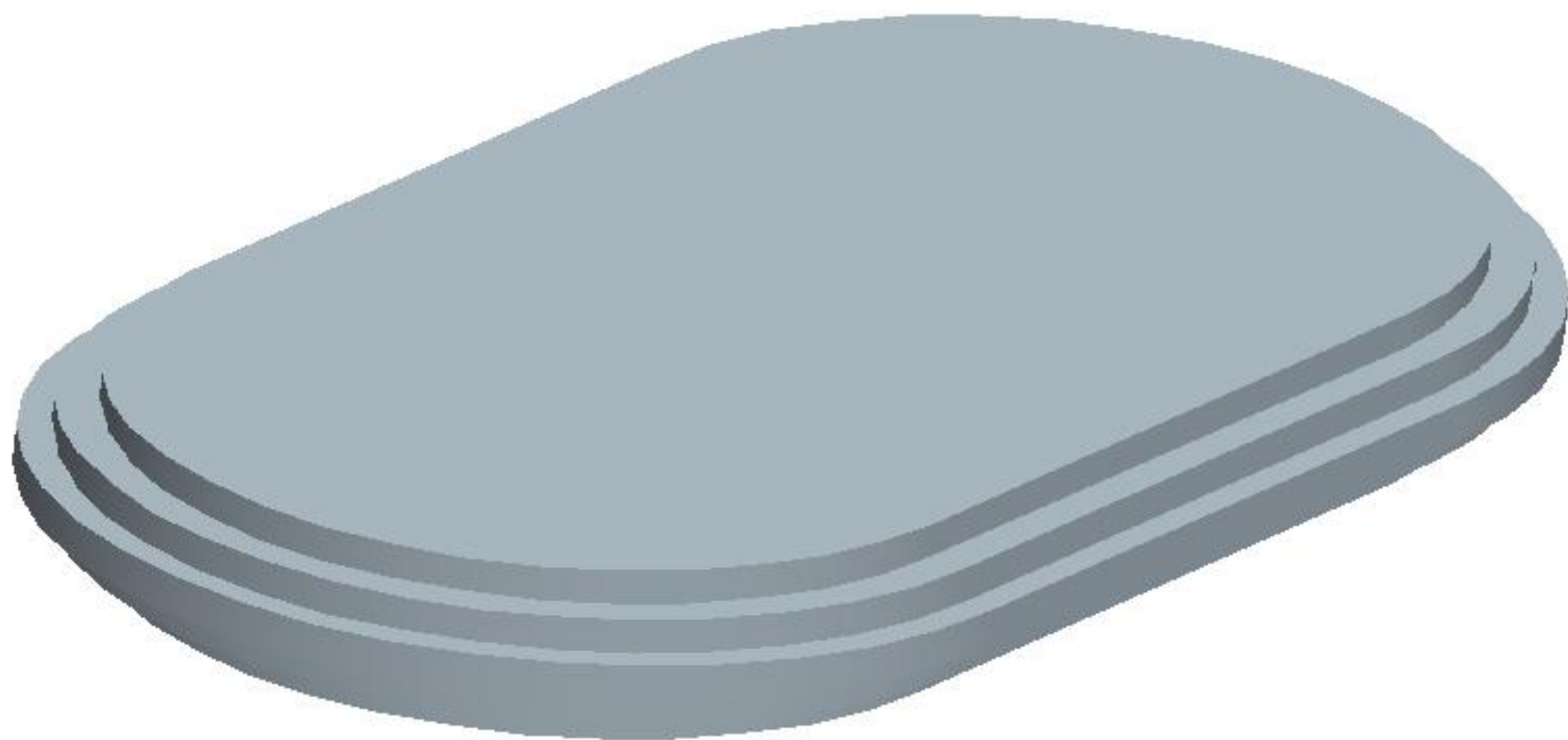








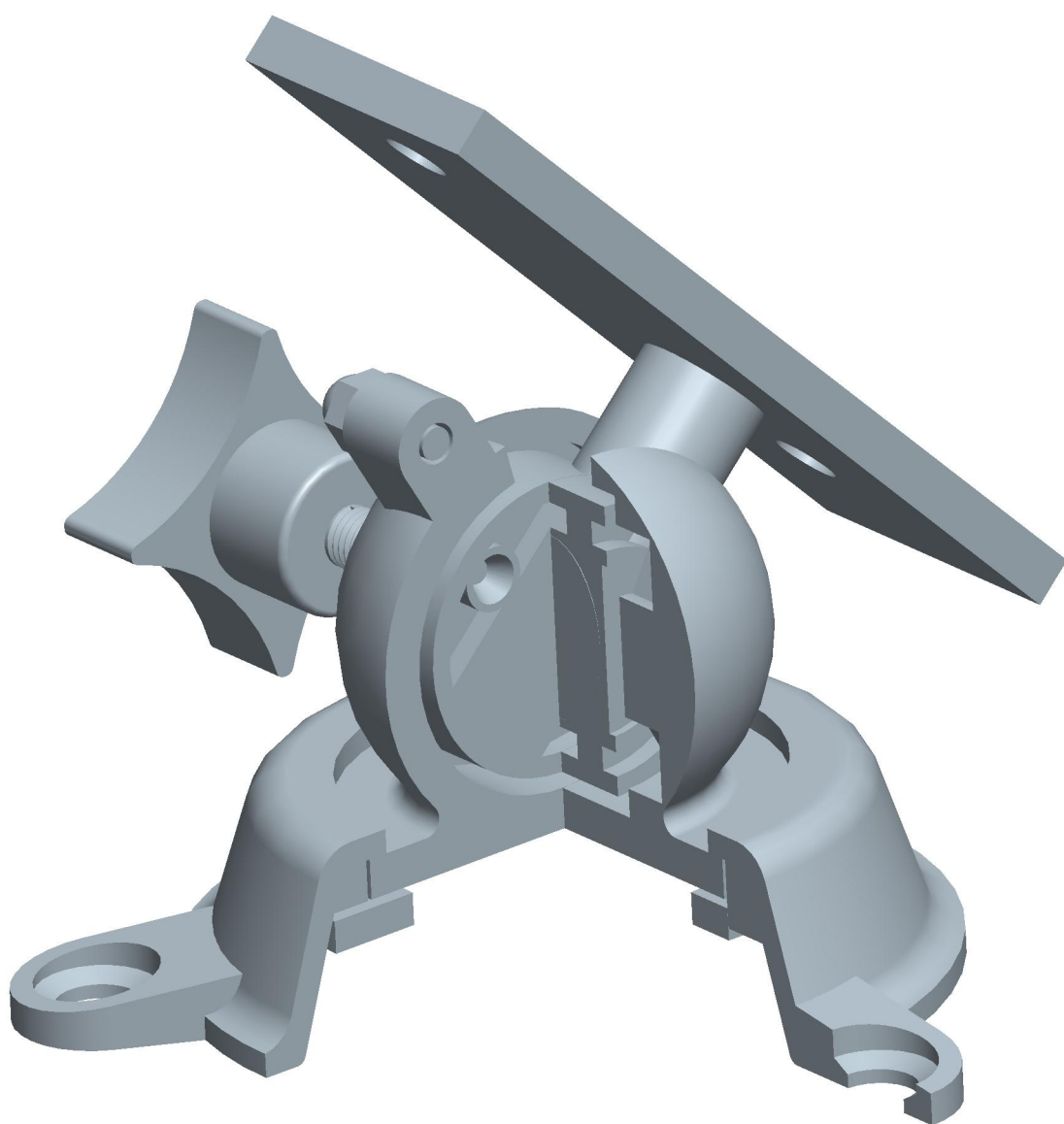


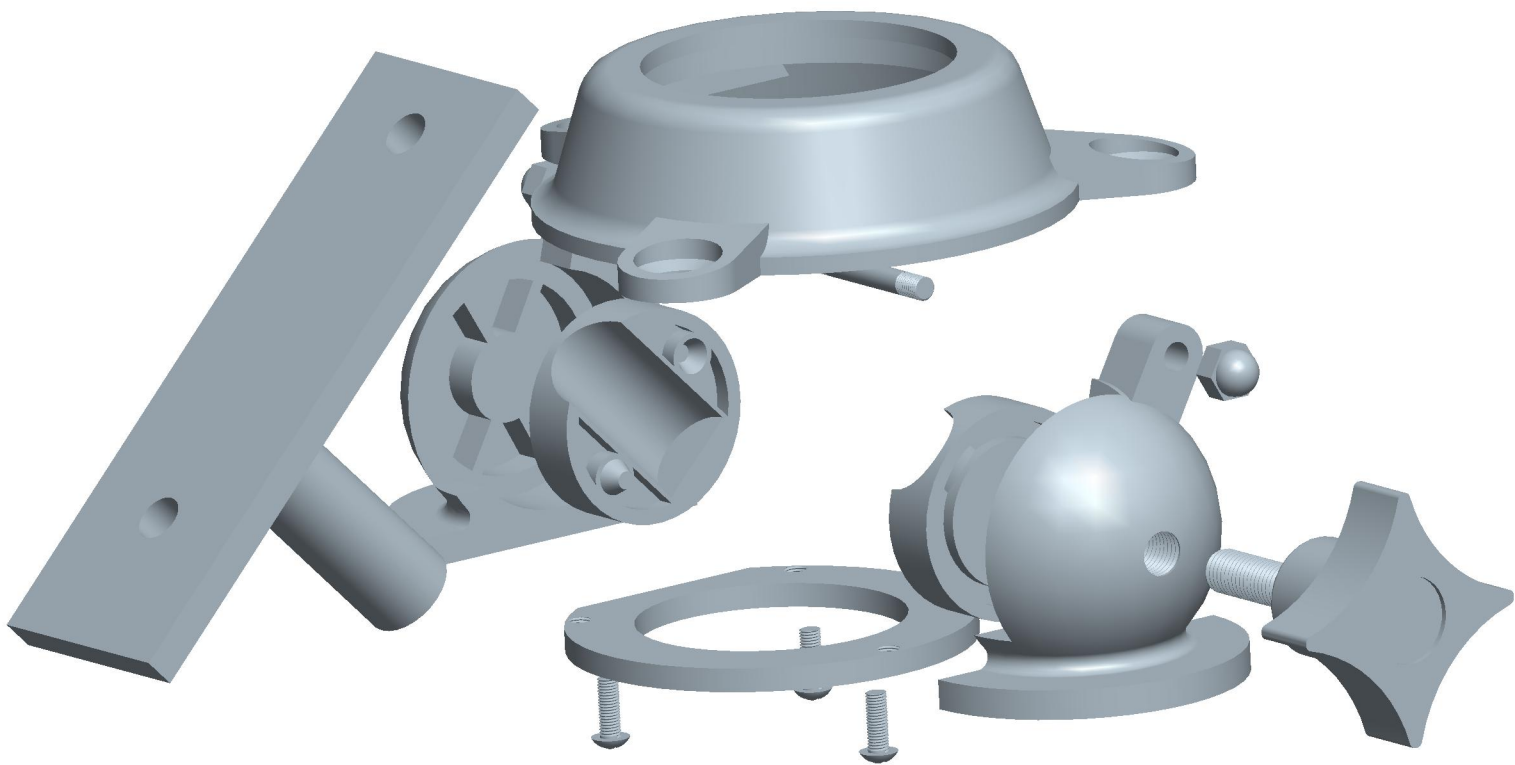


LESSON 12 – Project Vise

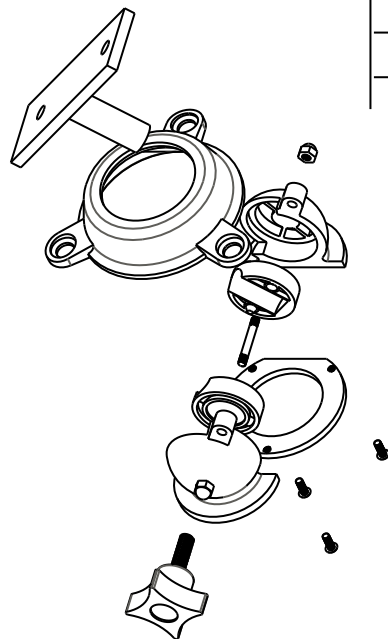
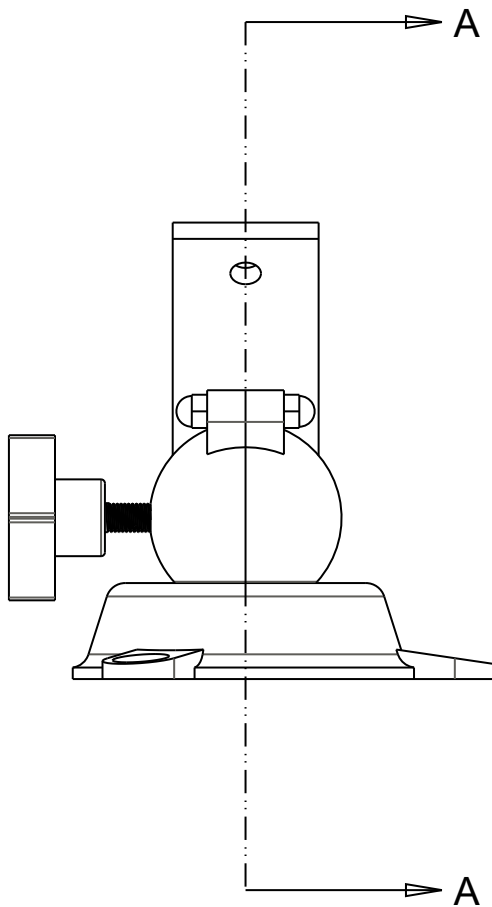




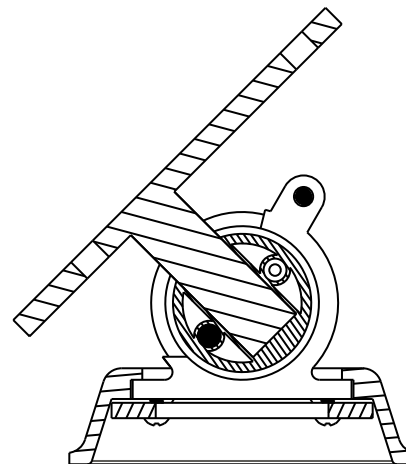




Explode State:Default Explode



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SECTION A-A

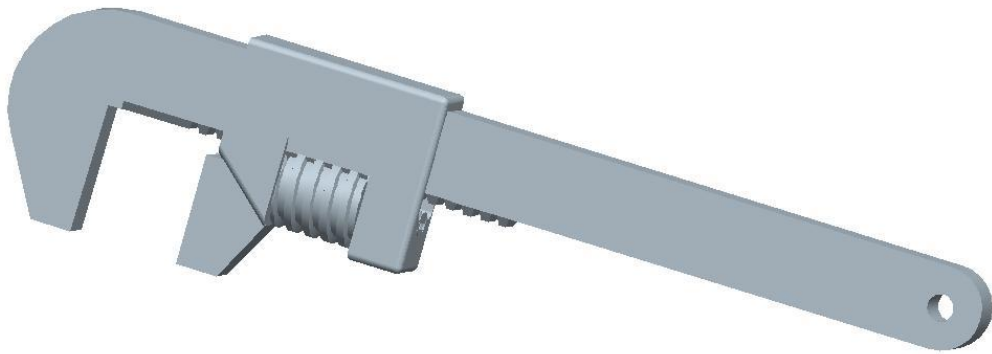
Pro/ENGINEER
Wildfire 2.0
Tutorial
Lesson #10

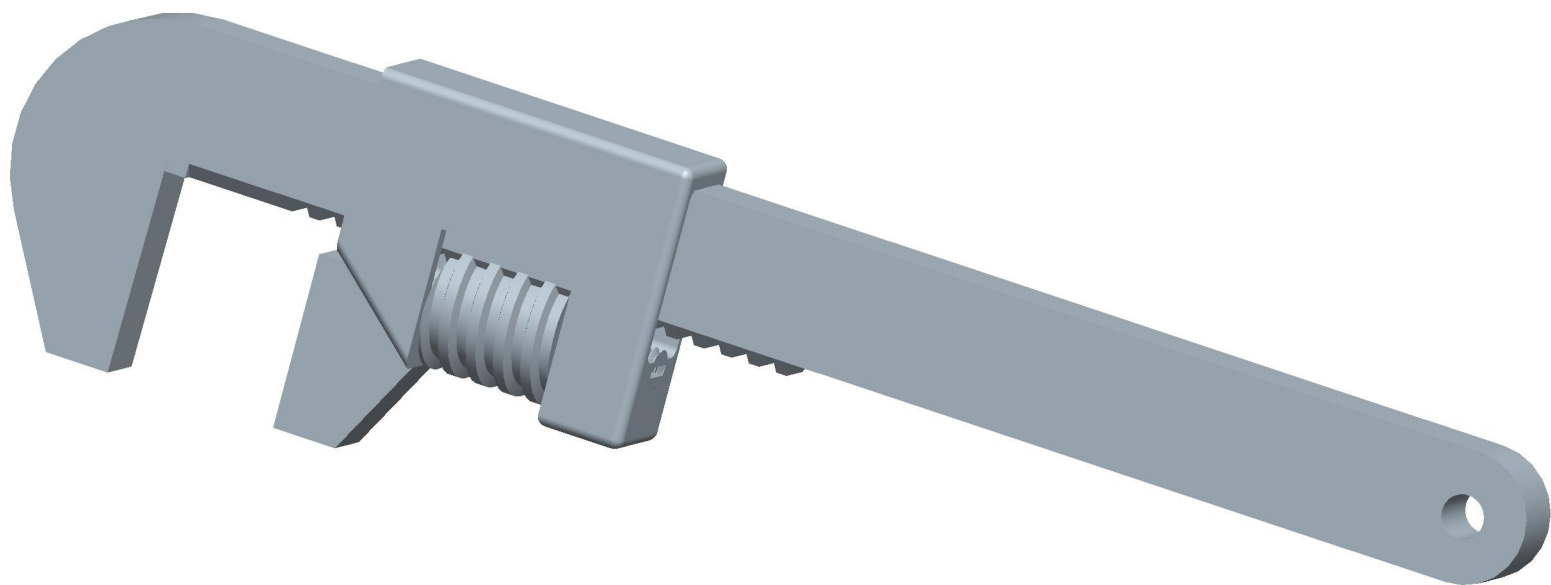
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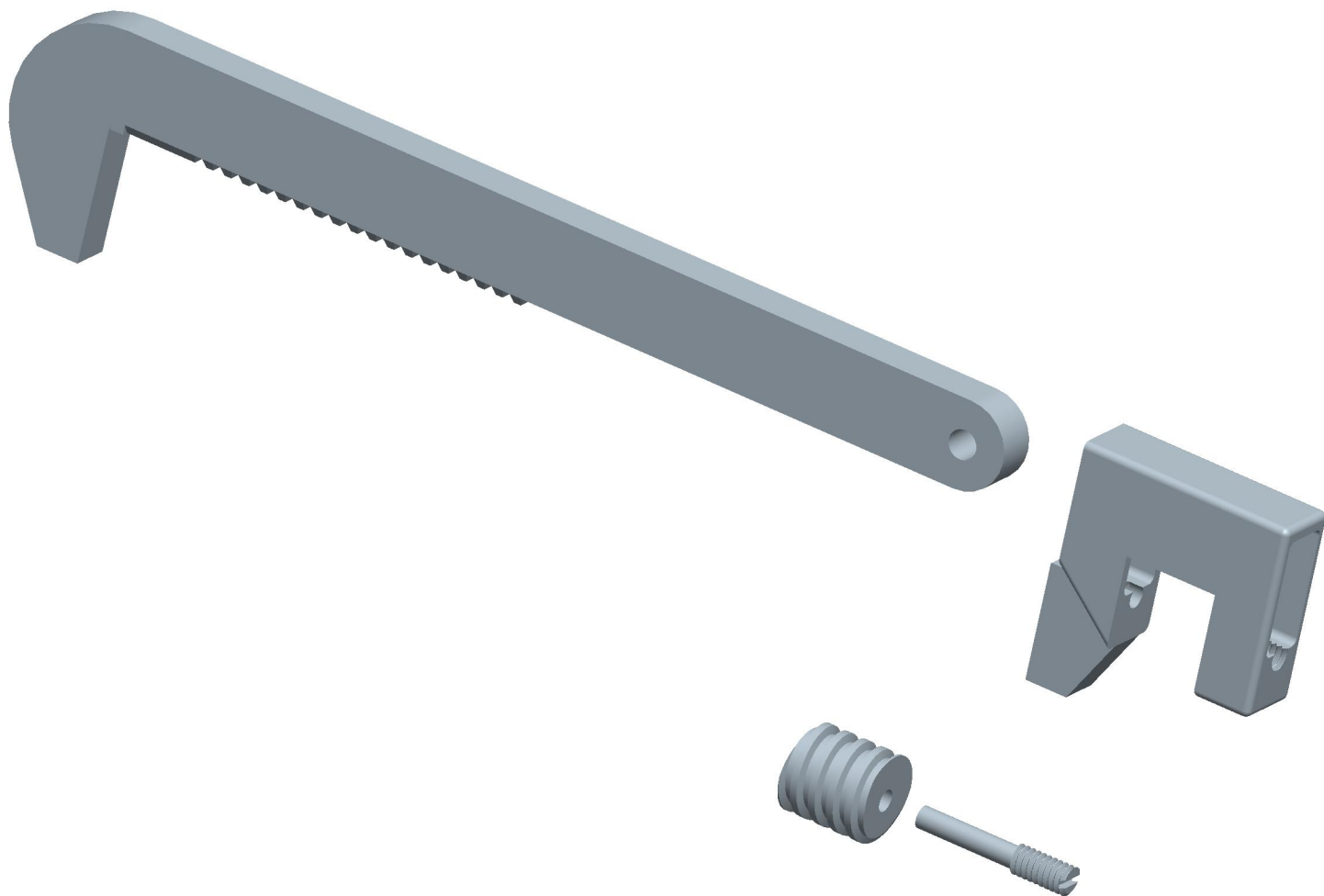
Tutorial Project

Modeled by DSD

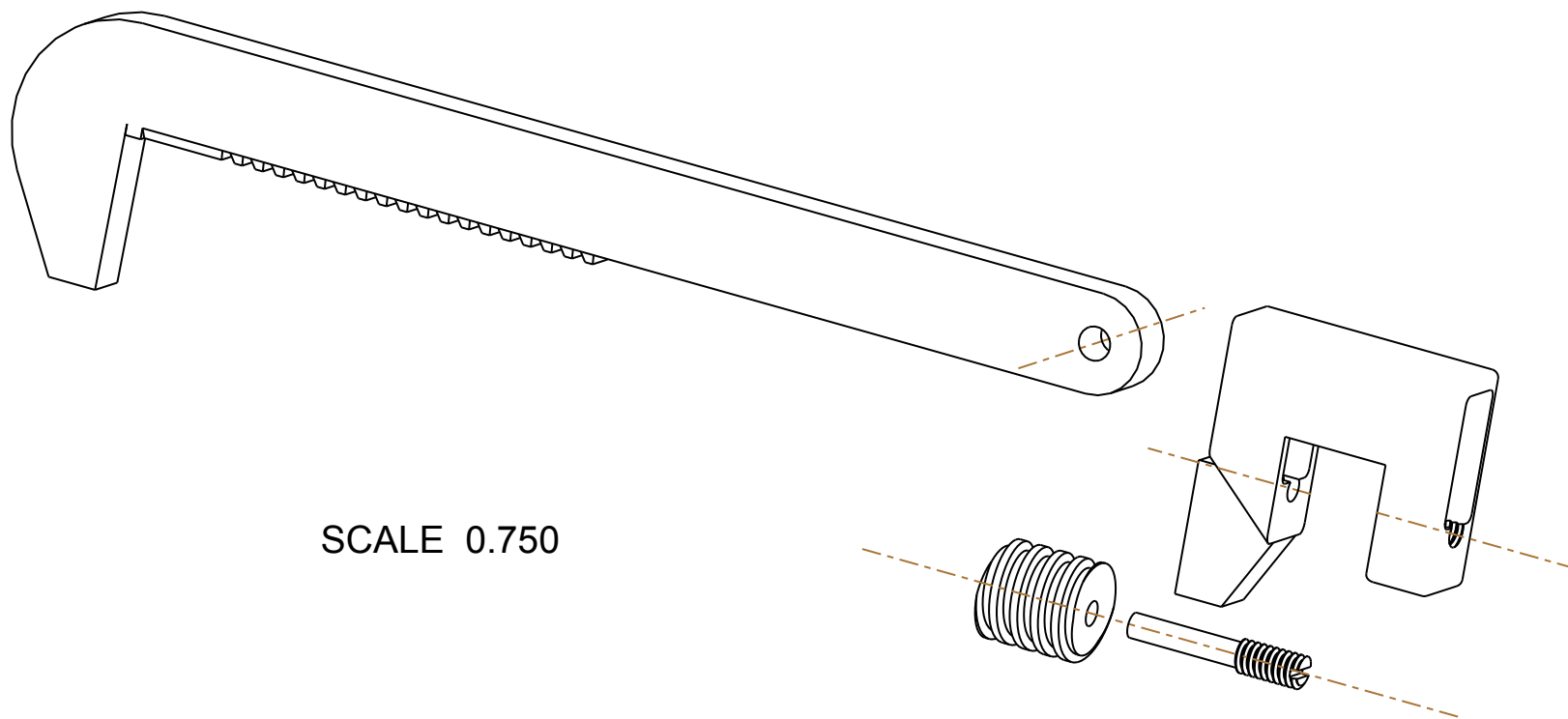
LESSON 13– School Drawings





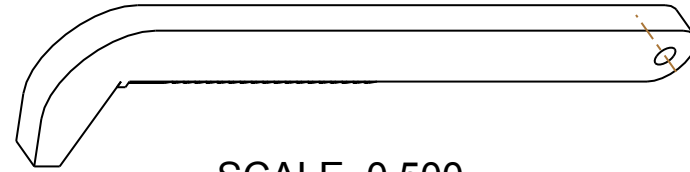


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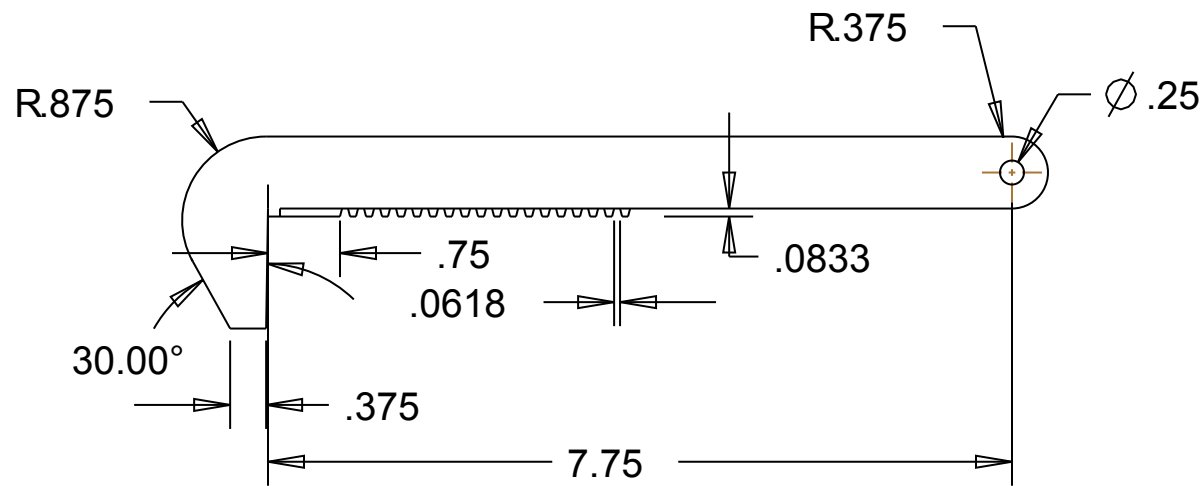


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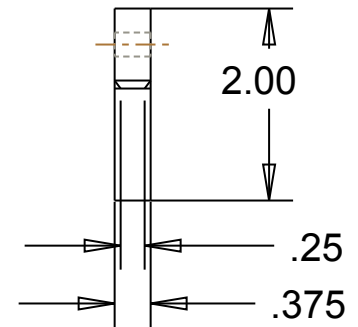
MARCH 30, 2007



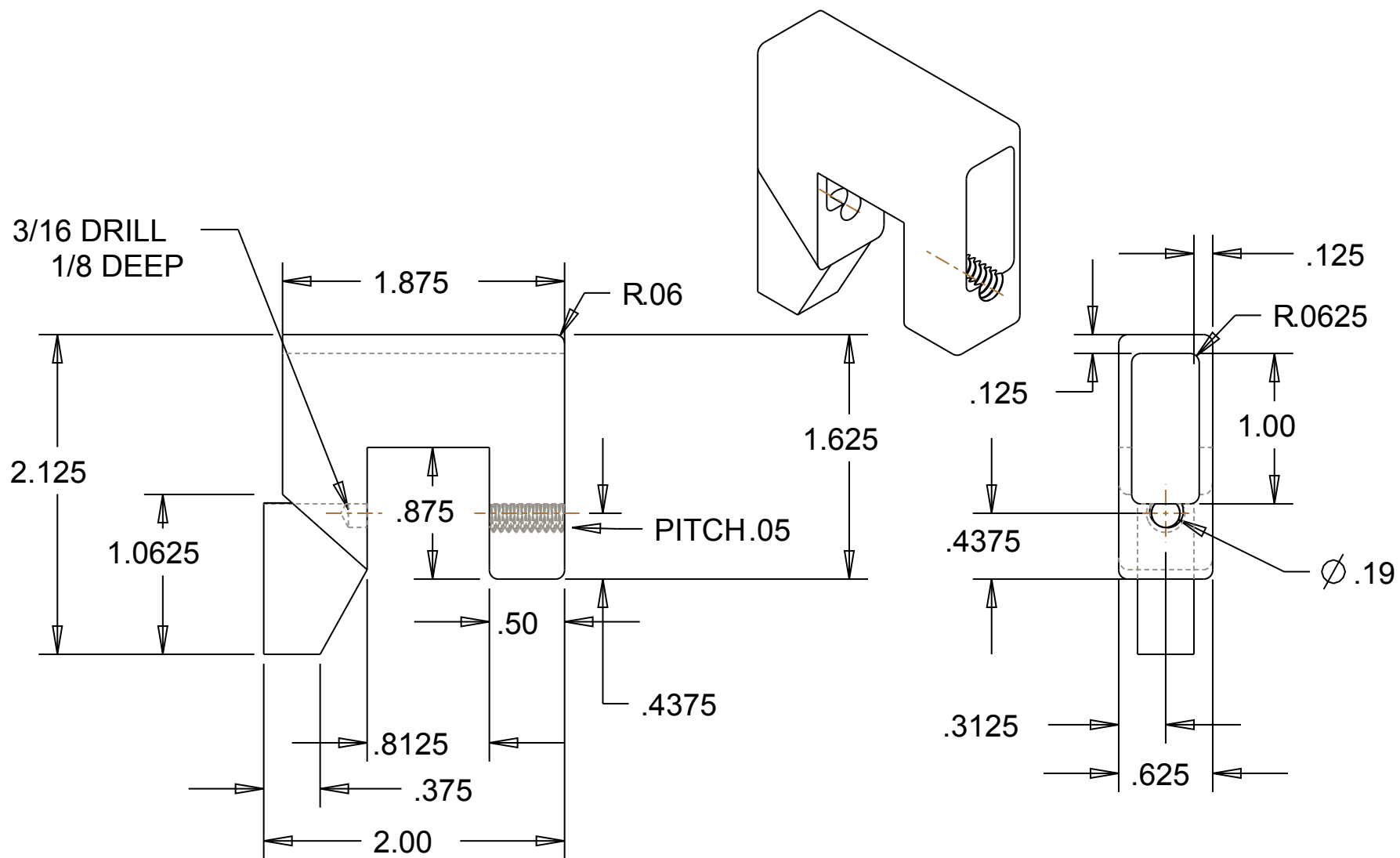
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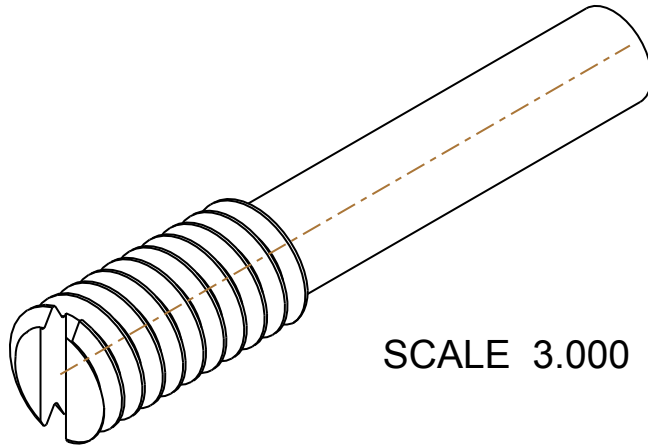
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MARCH 30, 2007

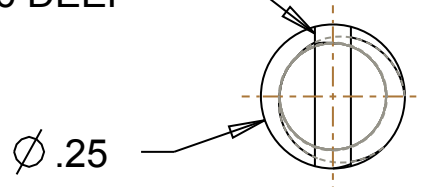


MARCH 30, 2007

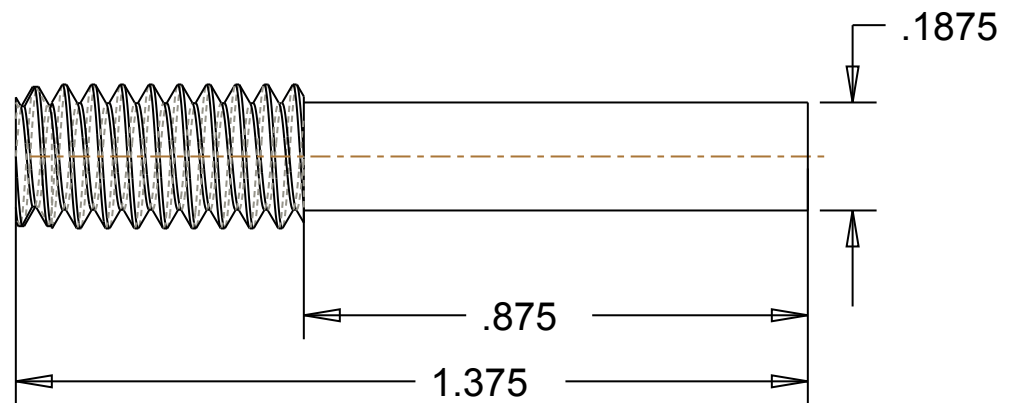


SCALE 3.000

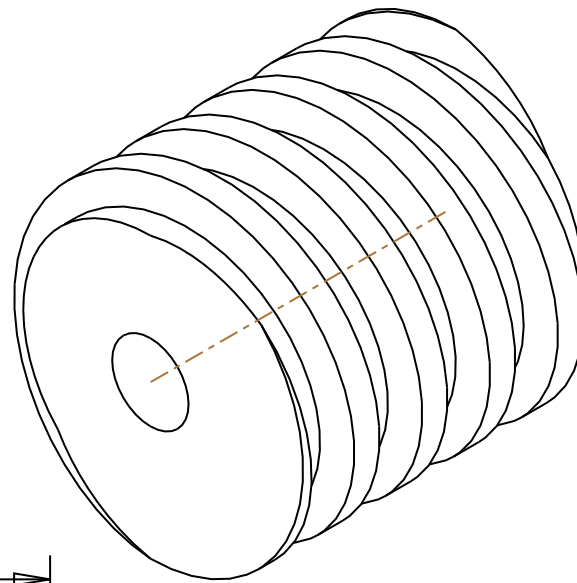
SLOT
1/16 WIDE X
1/16 DEEP



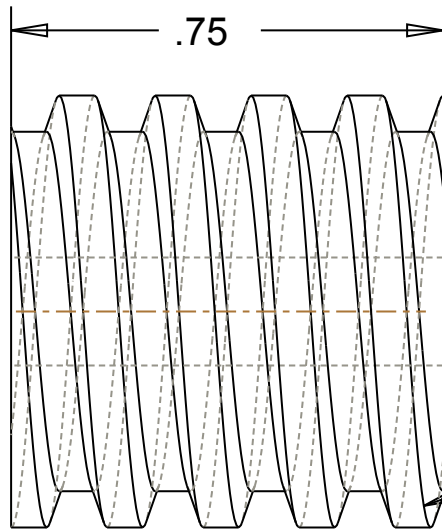
SCALE 3.000



MARCH 30, 2007

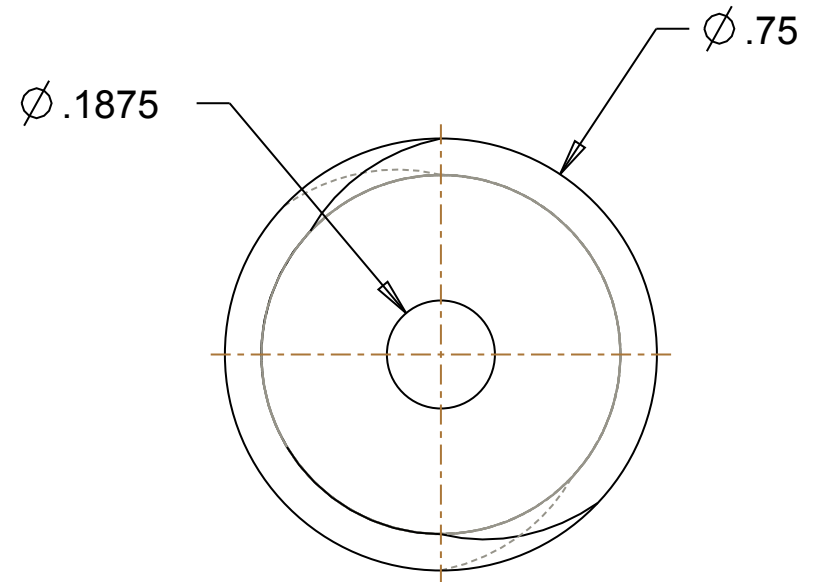


SCALE 3.000

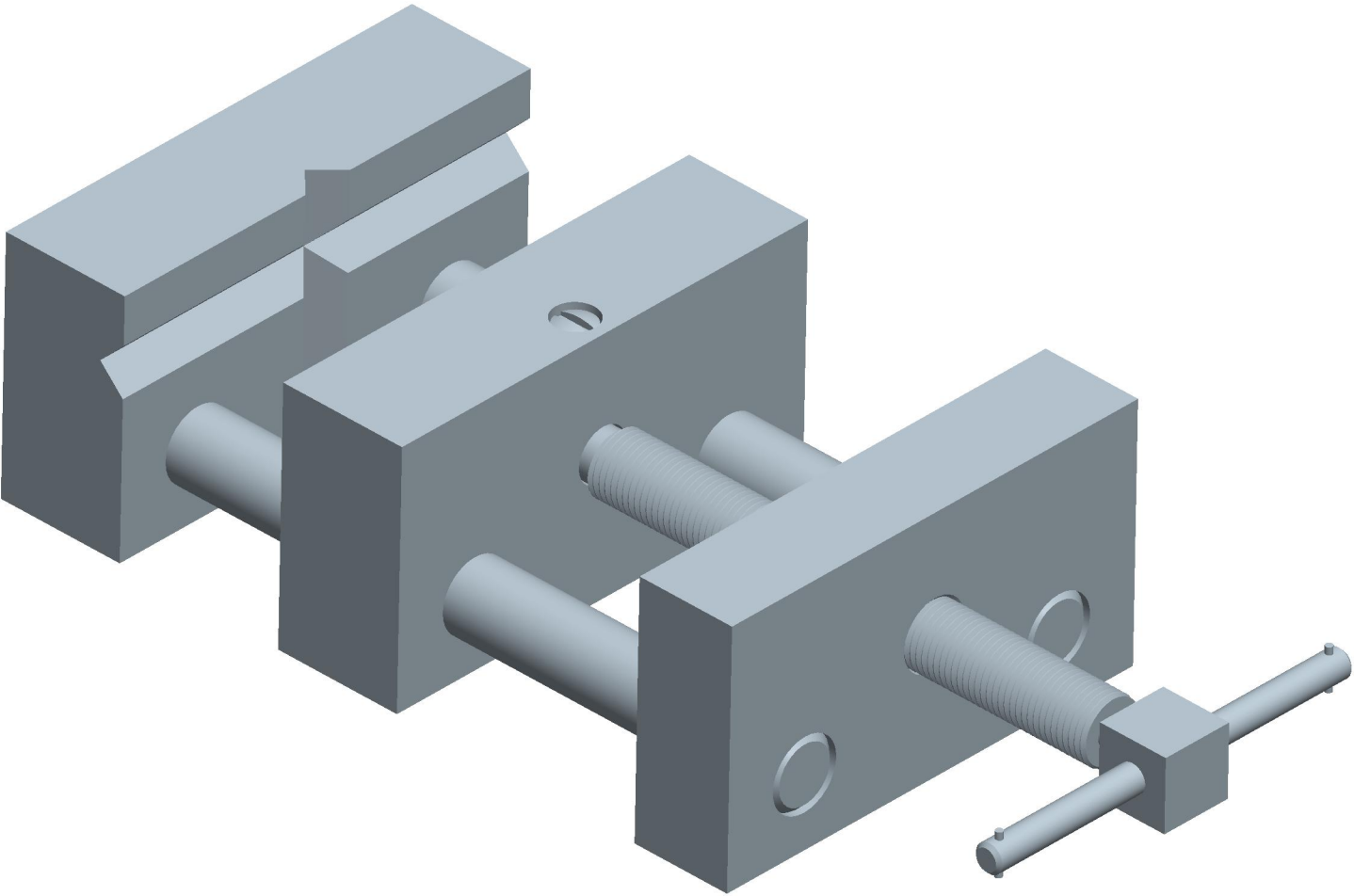


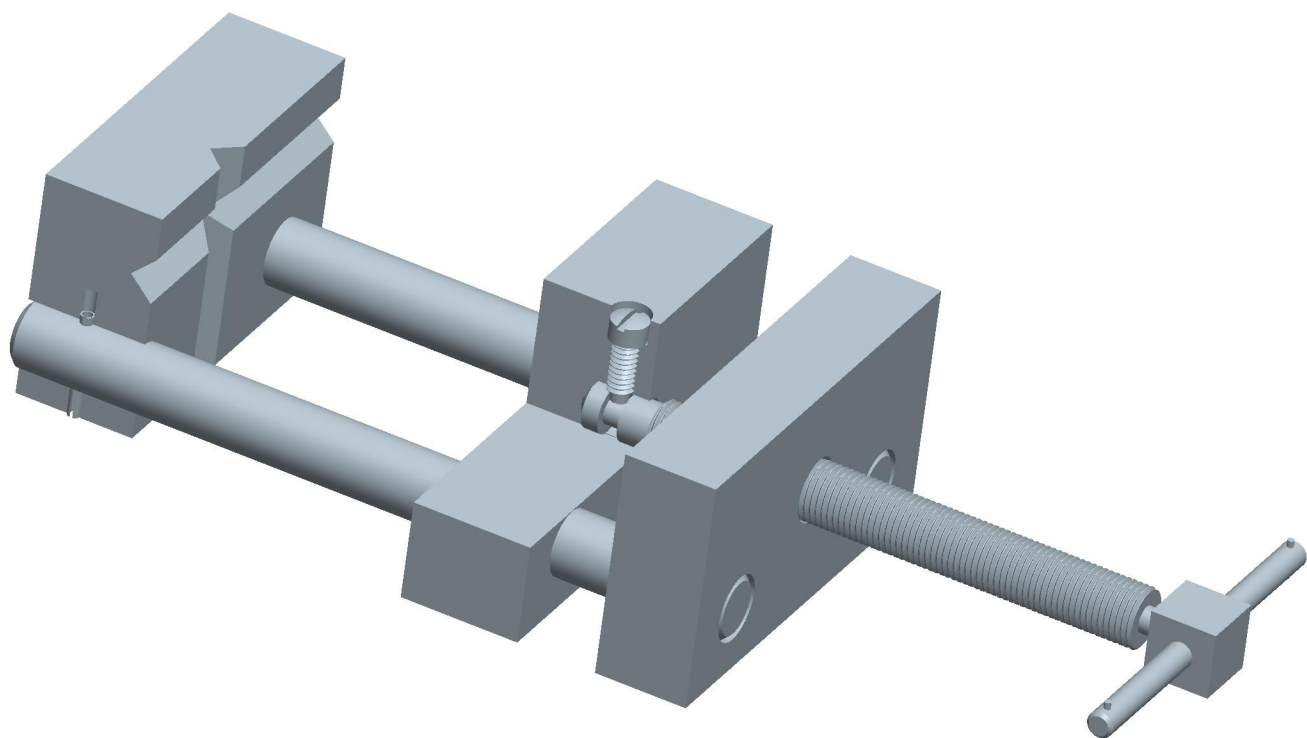
3/4 ACME
6 THREADS/INCH

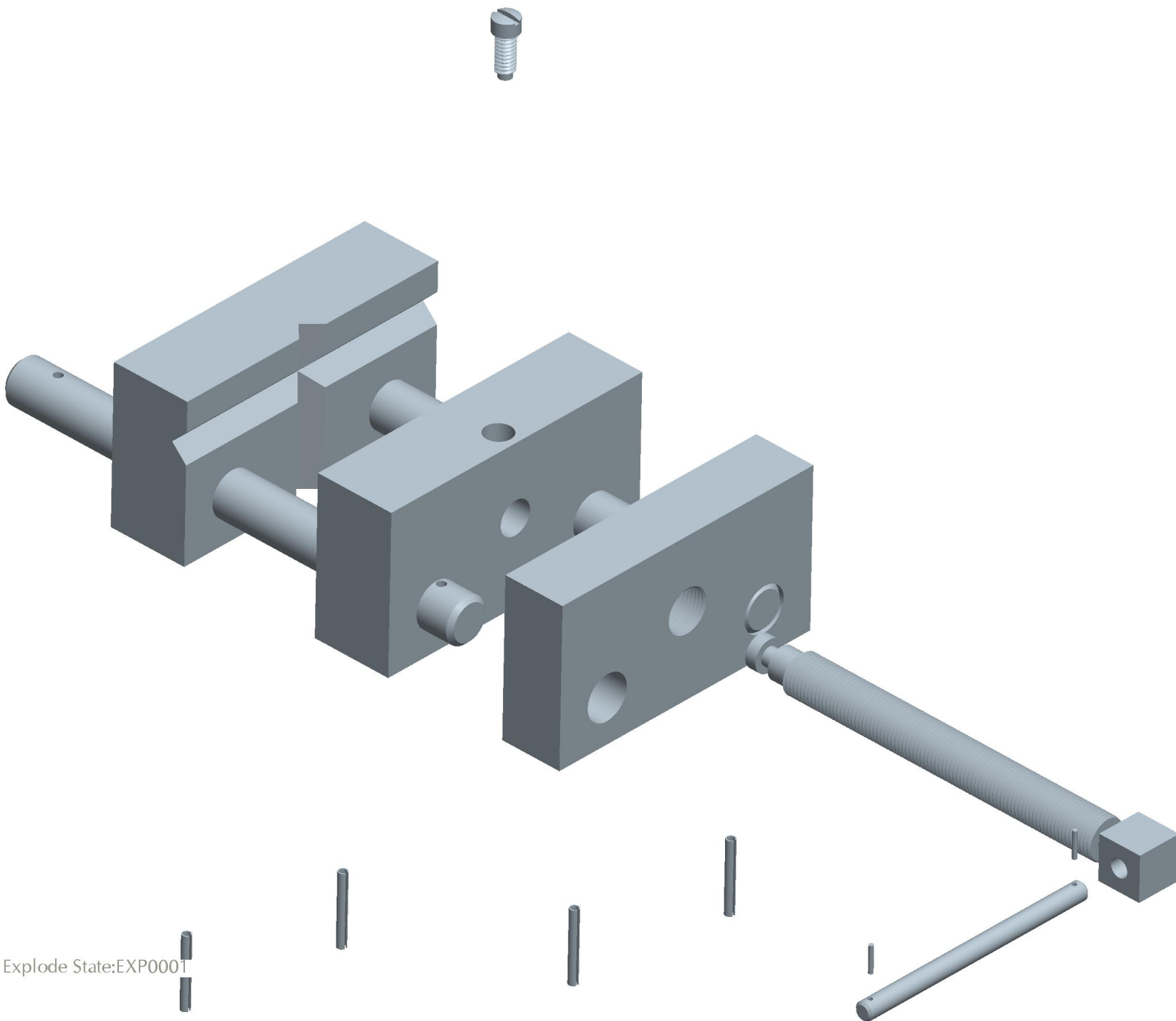
SCALE 3.000



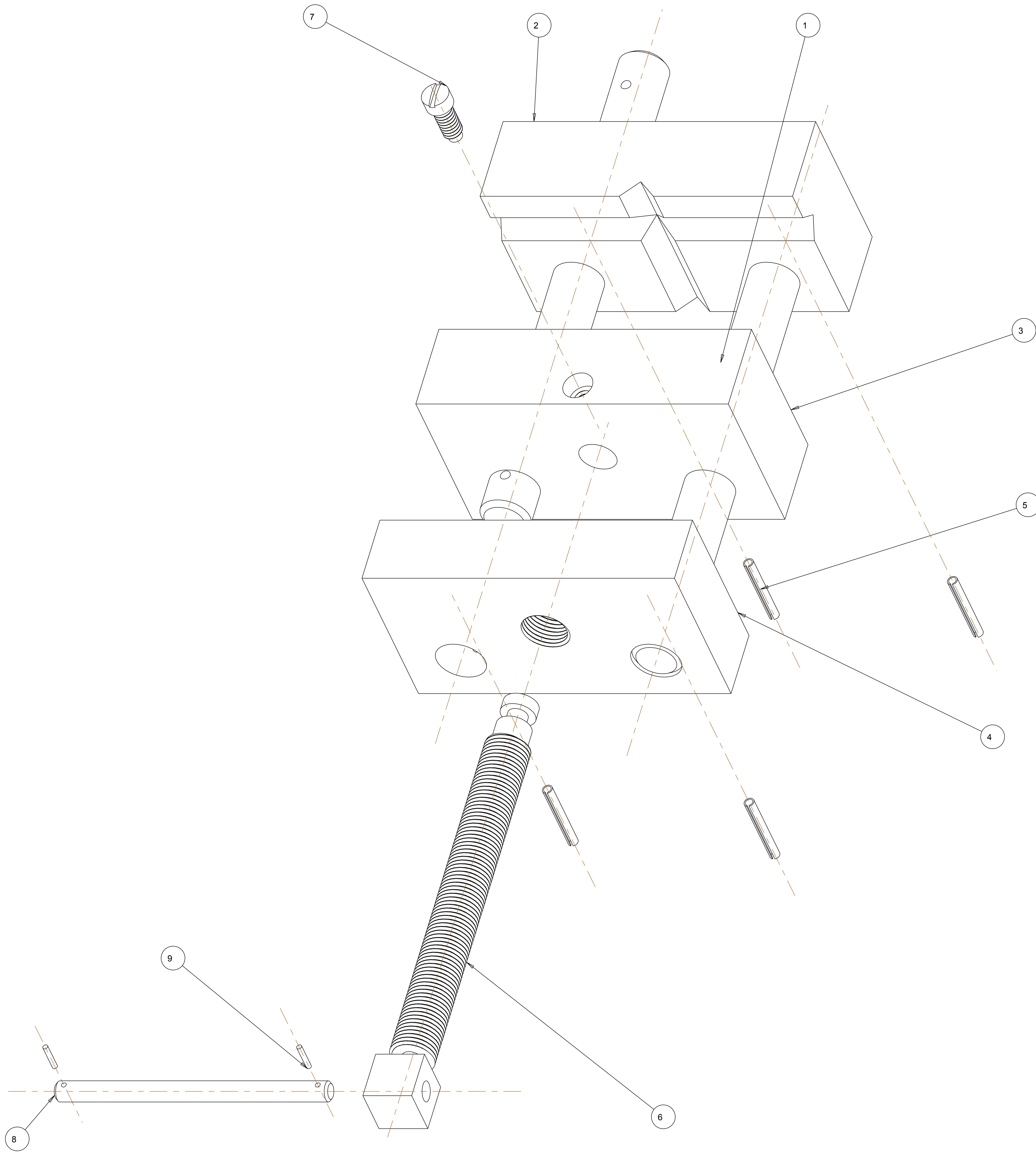
MARCH 30, 2007





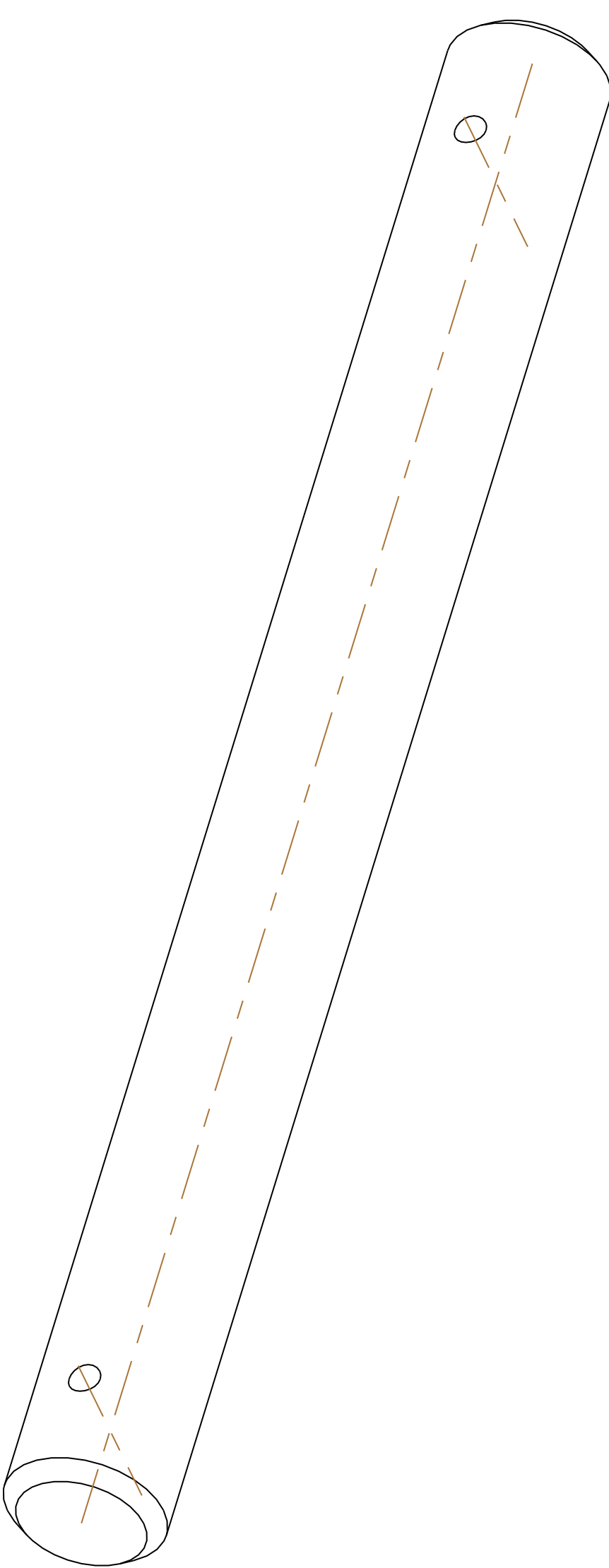


Explode State:EXP0001

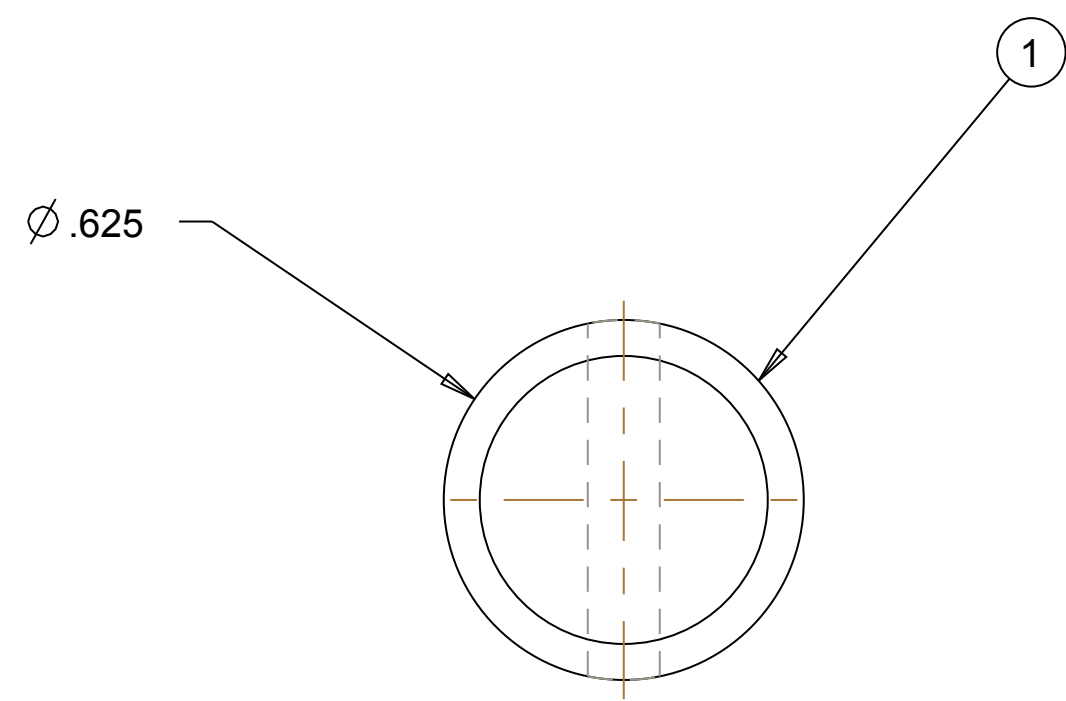


SCALE 2.000

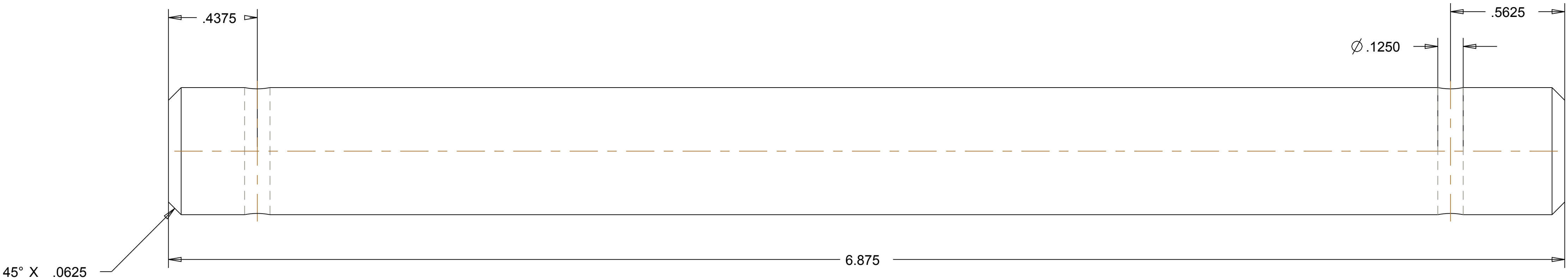
9	prt009	SPRING PIN #2	STEEL	2
8	prt008	HANDLE PIN	STEEL	1
7	prt007	RETAINING SCREW	STEEL	1
6	prt006	WISE SCREW	STEEL	1
5	prt005	SPRING PIN #1	STEEL	4
4	prt004	END BLOCK	STEEL	1
3	prt003	MOVEABLE JAW	STEEL	1
2	prt002	FIXED JAW	STEEL	1
1	prt001	WAY ROD	STEEL	2
ITEM	PT NUMBER	DESCRIPTION	MATERIAL	QTY



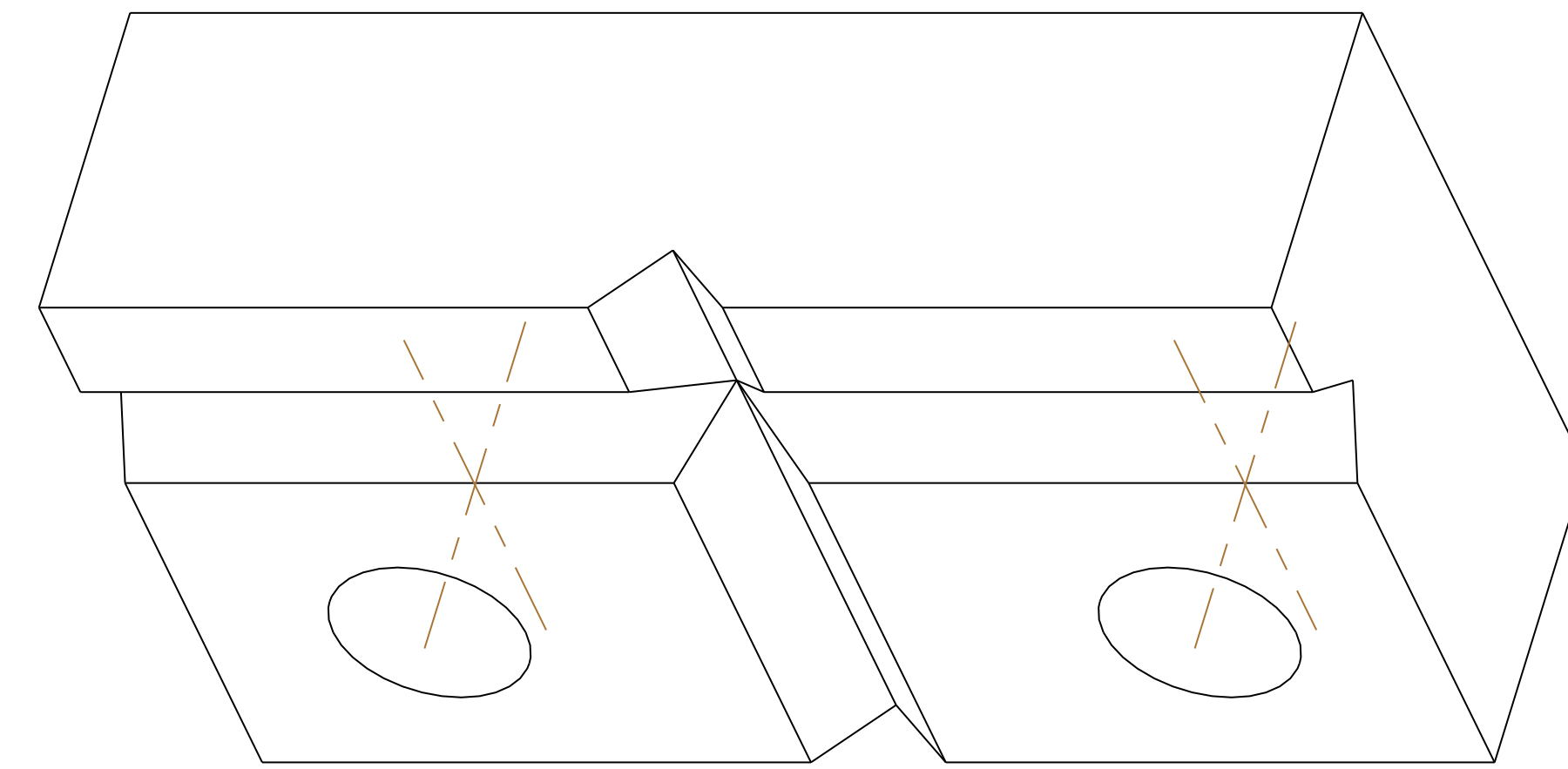
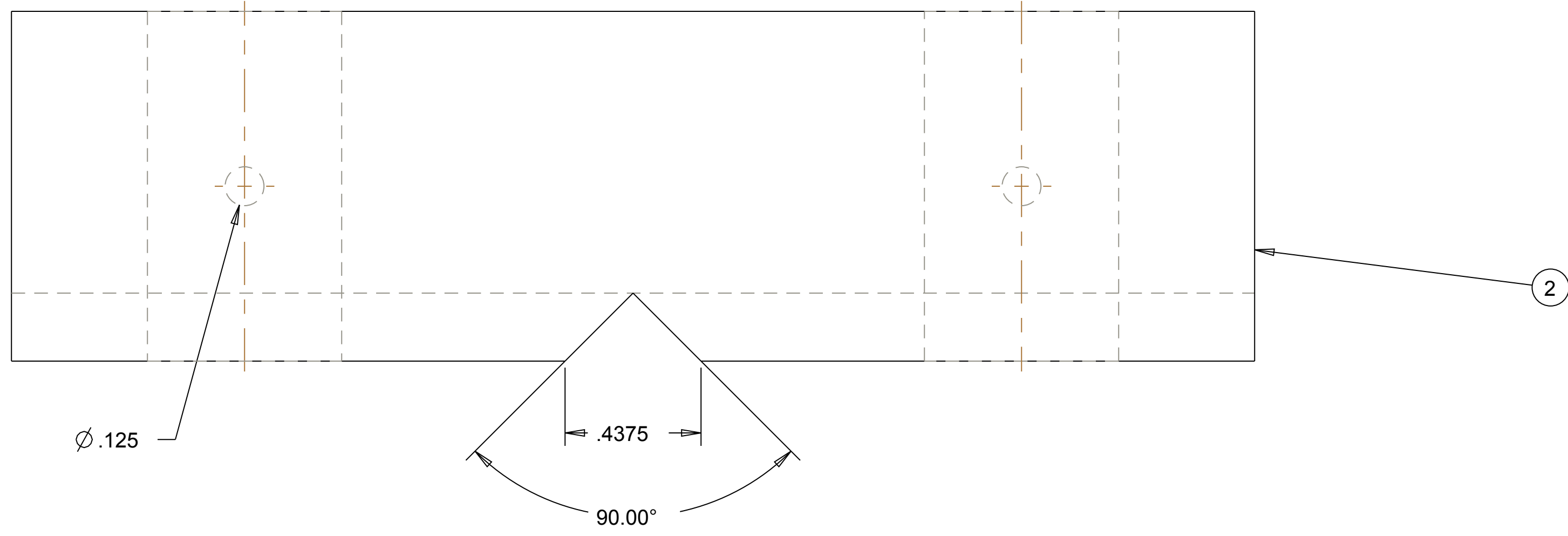
SCALE 2.000



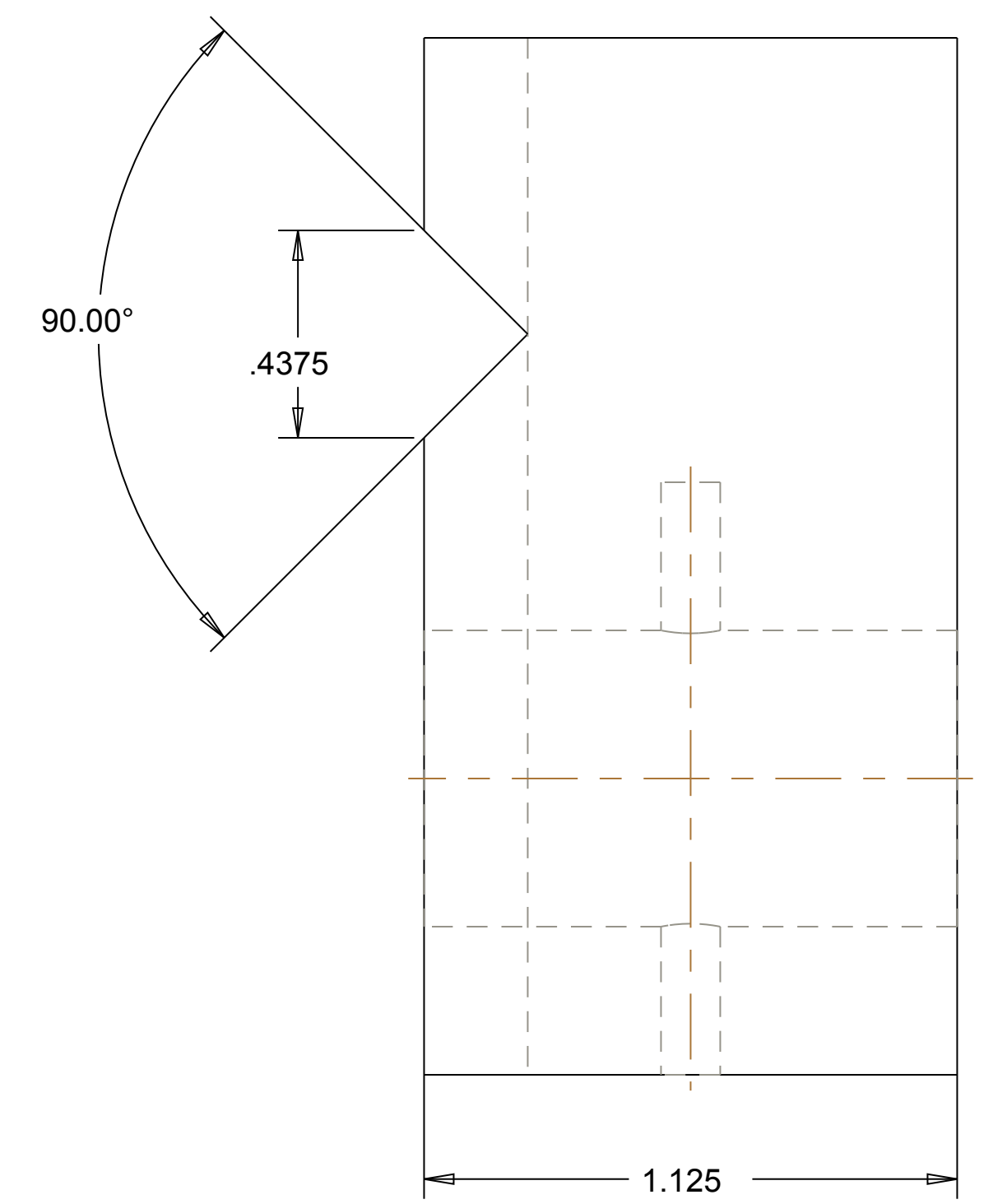
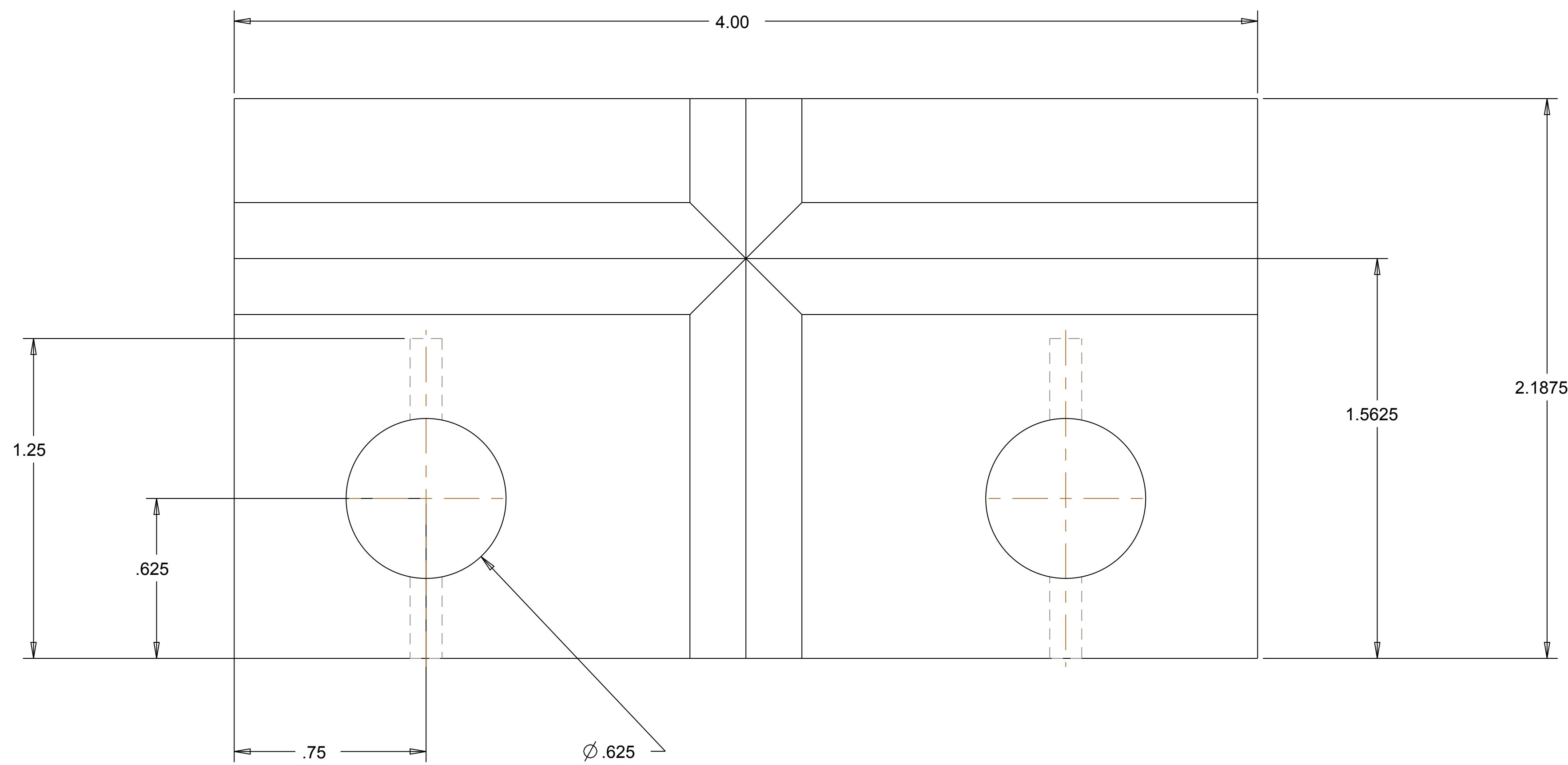
SCALE 3.000



ITEM	PT NUMBER	DESCRIPTION	MATERIAL	QTY
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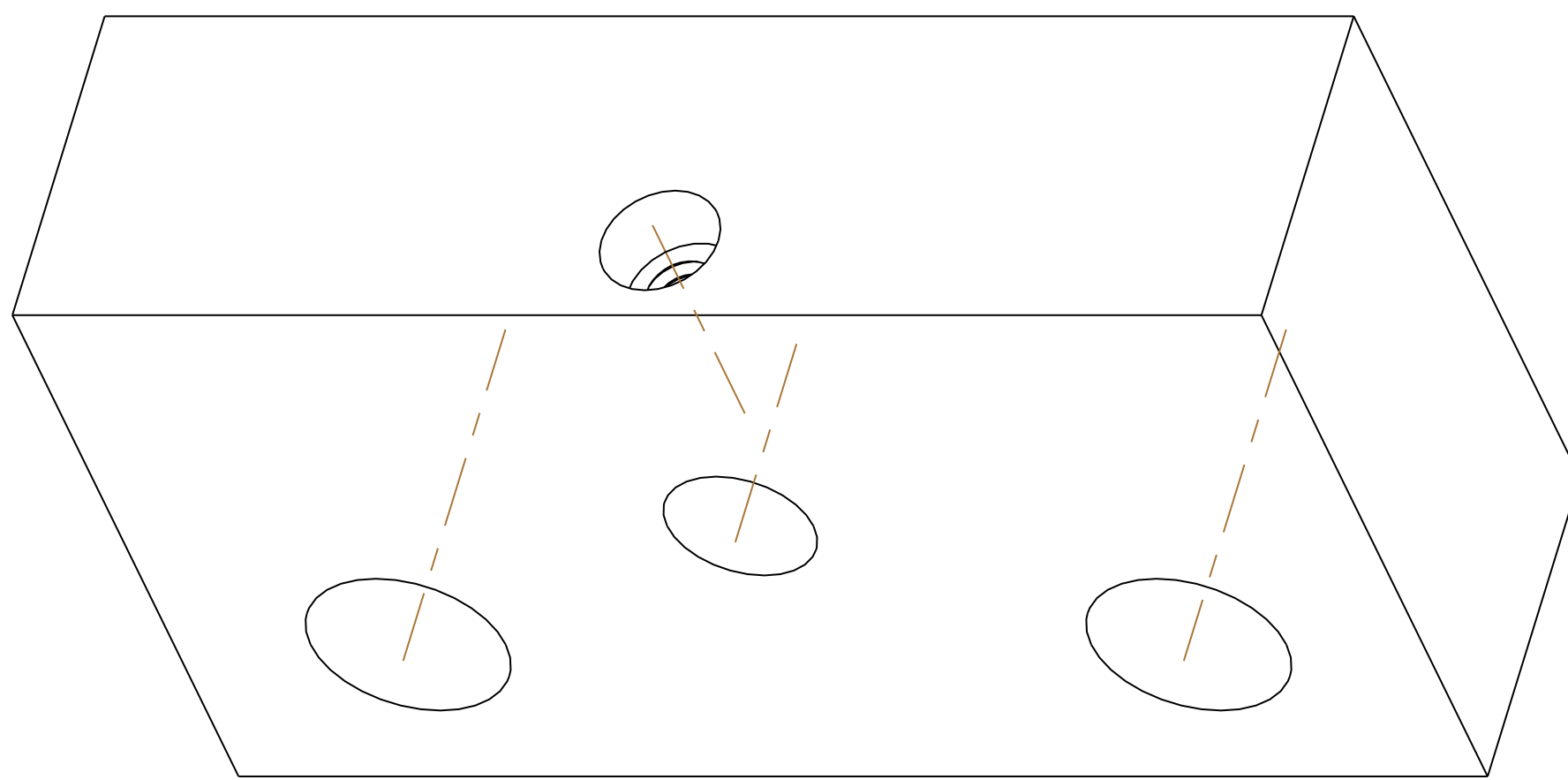


SCALE 2.000



SCALE 3.000

ITEM	PT NUMBER	DESCRIPTION	MATERIAL	QTY
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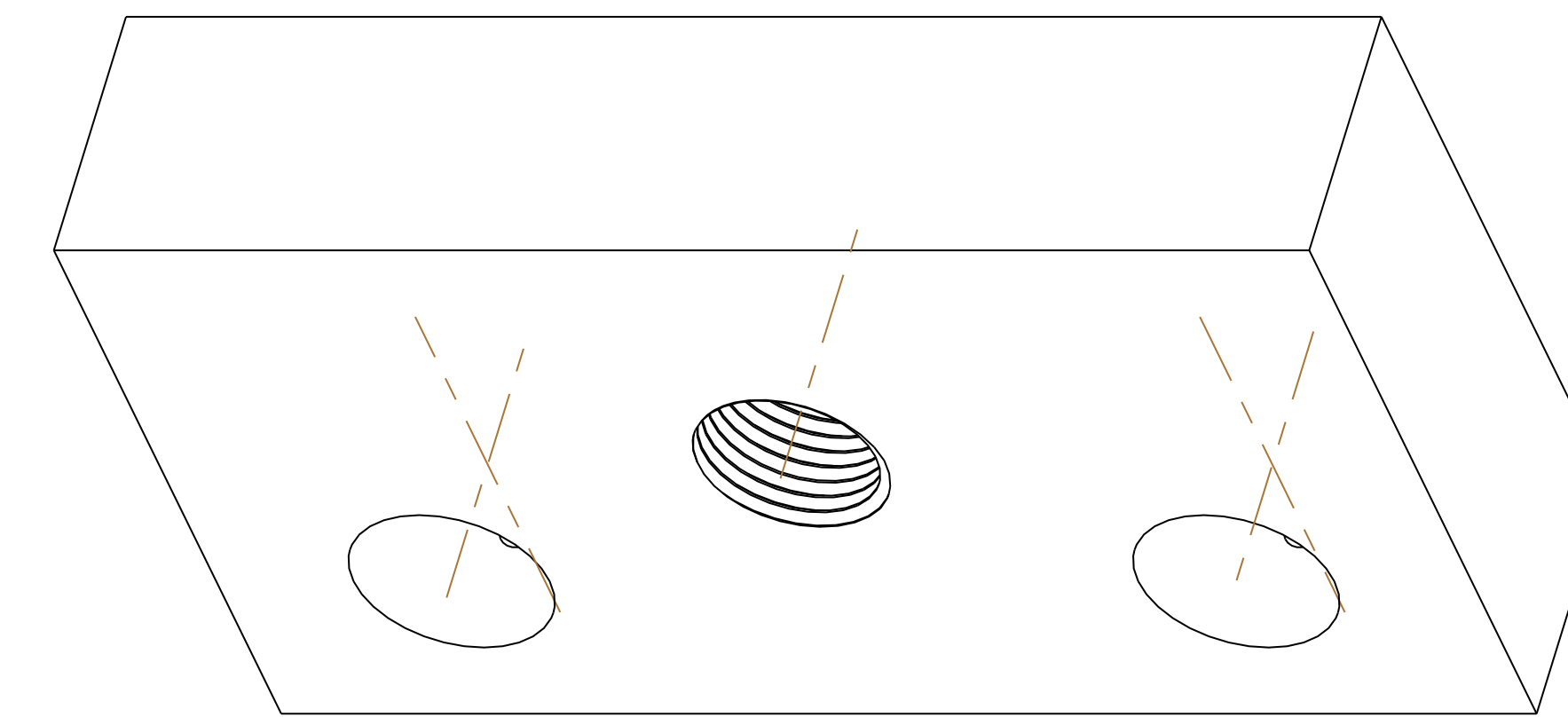
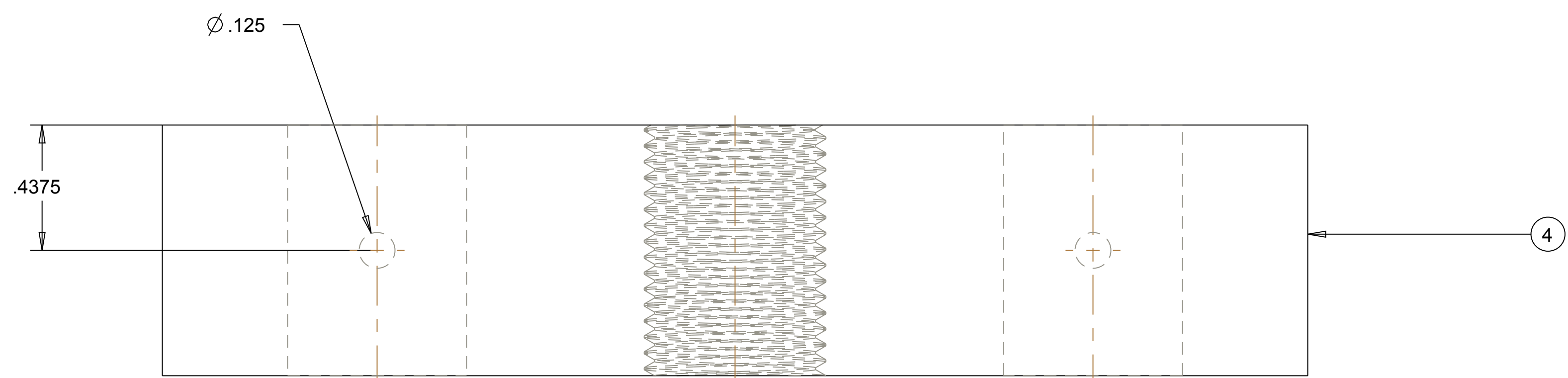


Technical drawing of a mechanical part, likely a spring or a component with a threaded section. The drawing includes the following dimensions and annotations:

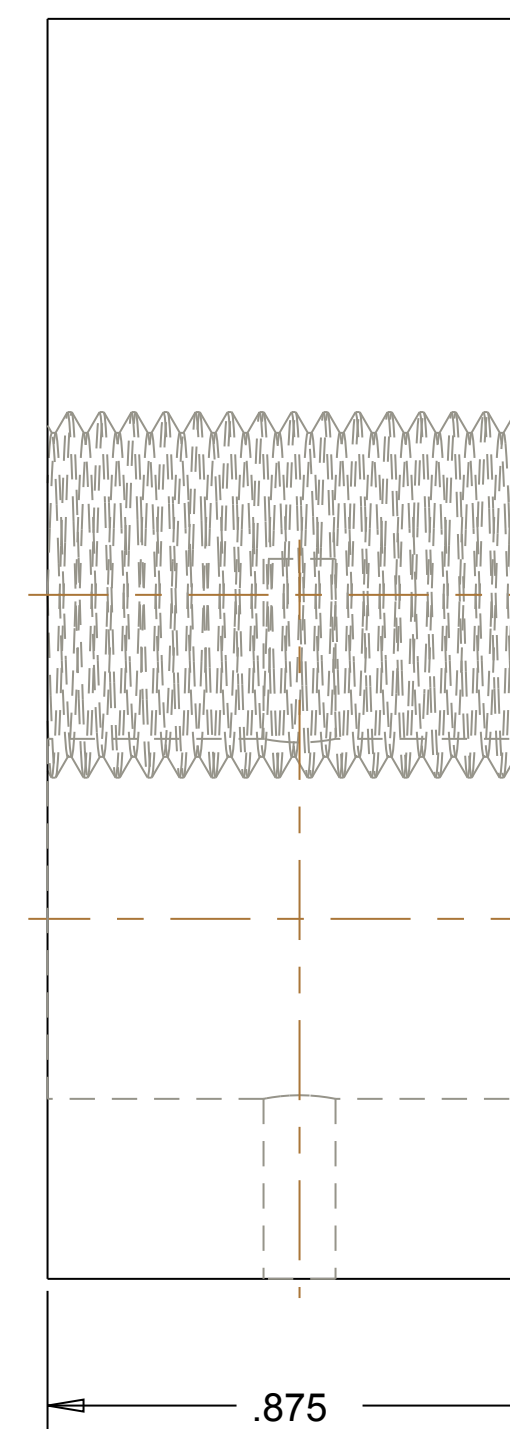
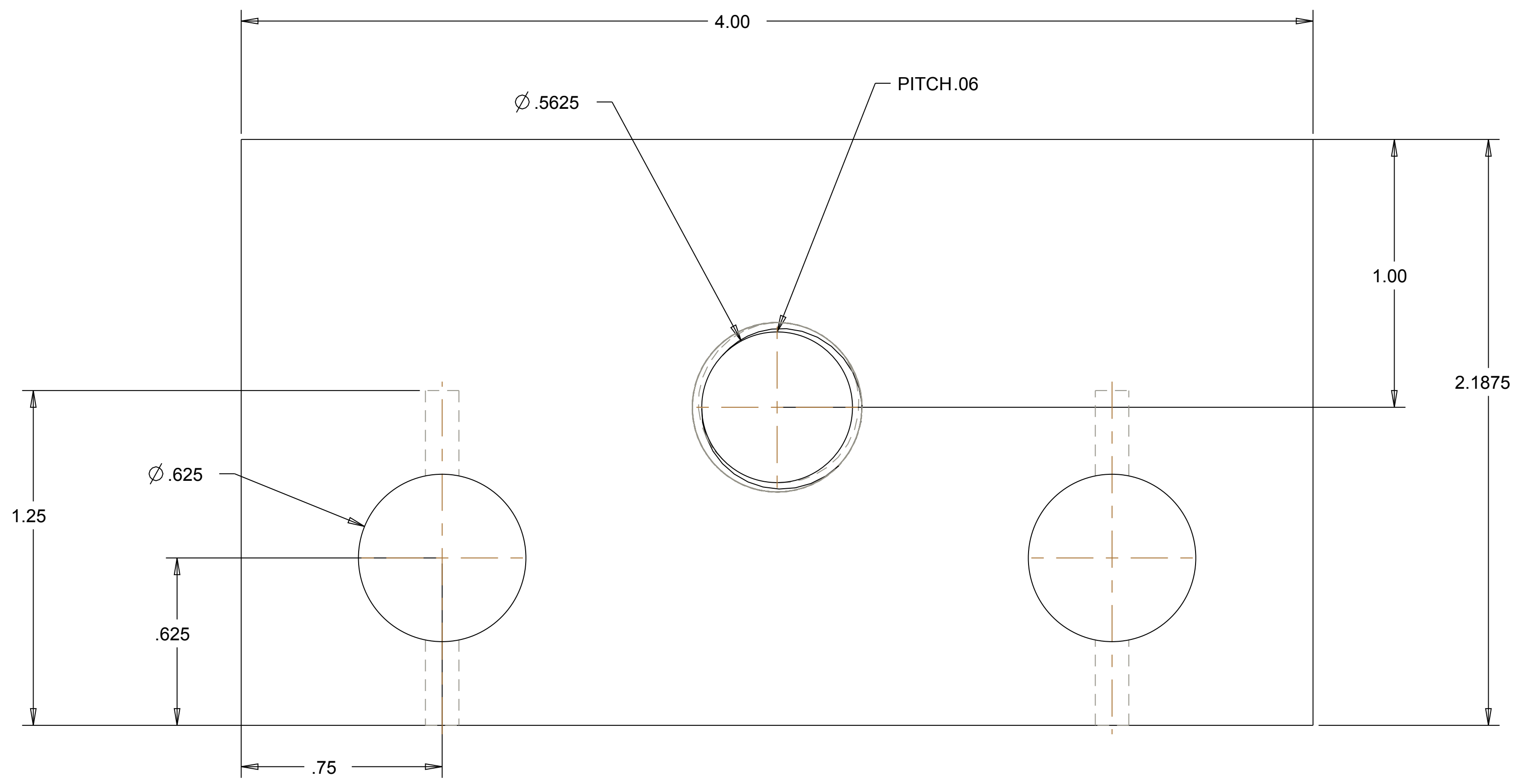
- Overall width: 4.00
- Overall height: 1.00
- Top left corner radius: .25
- Bottom left corner radius: .625
- Distance from left edge to center of the bottom-left circle: .75
- Circle diameter (bottom-left): $\varnothing .625$
- Circle diameter (top-right): $\varnothing .46875$
- Thread pitch: PITCH 0.05

[illegible]

ITEM	PT NUMBER	DESCRIPTION	MATERIAL	QTY

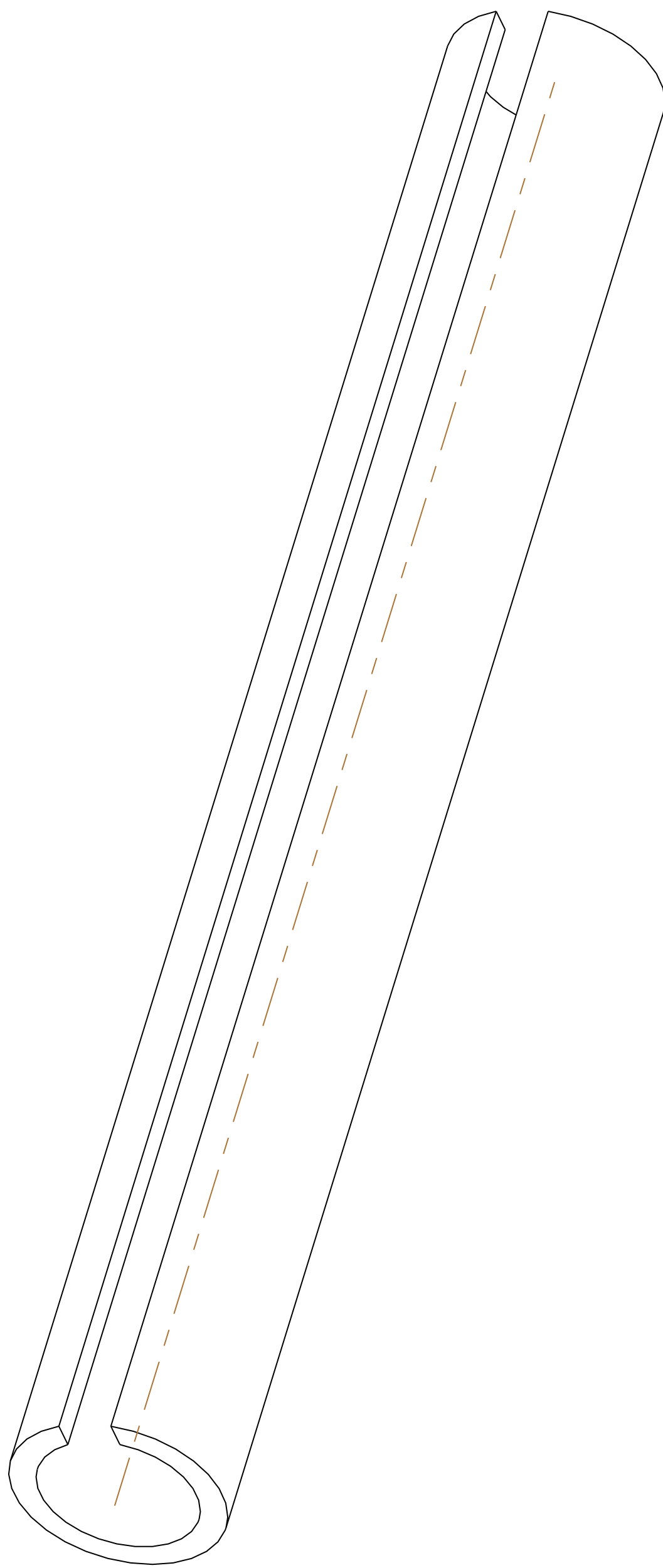


SCALE 2.000

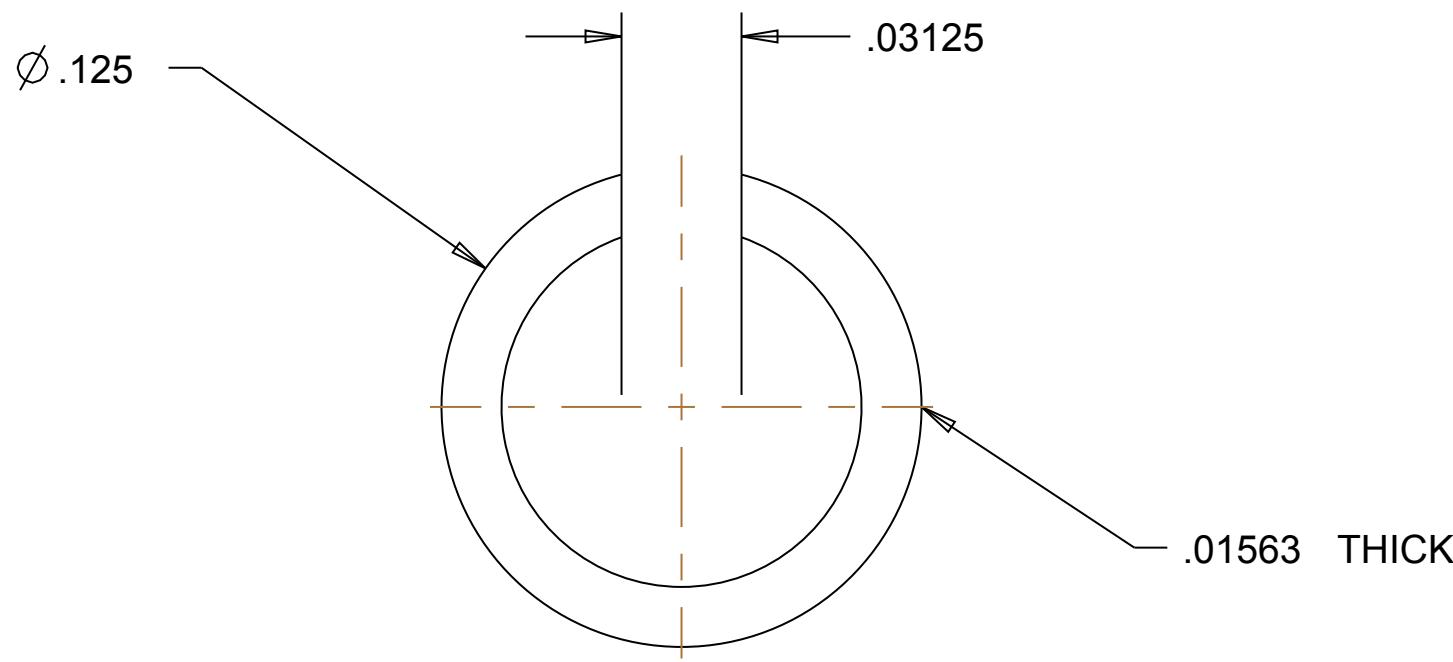


SCALE 3.000

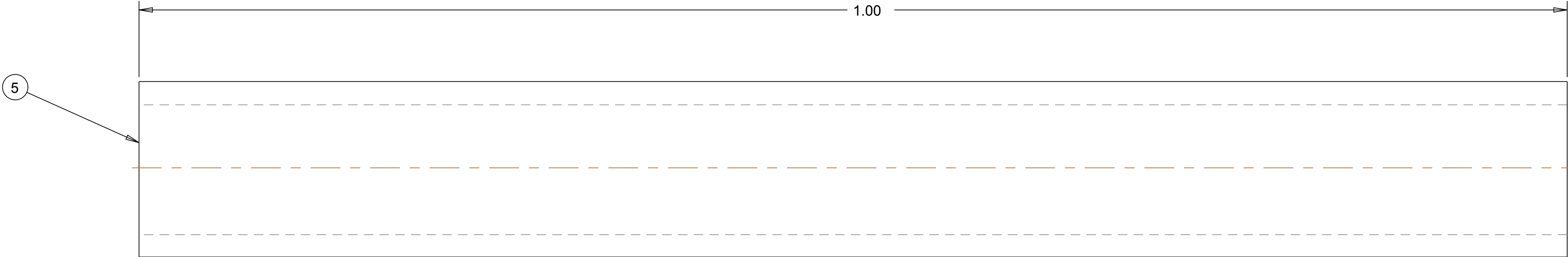
ITEM	PT NUMBER	DESCRIPTION	MATERIAL	QTY
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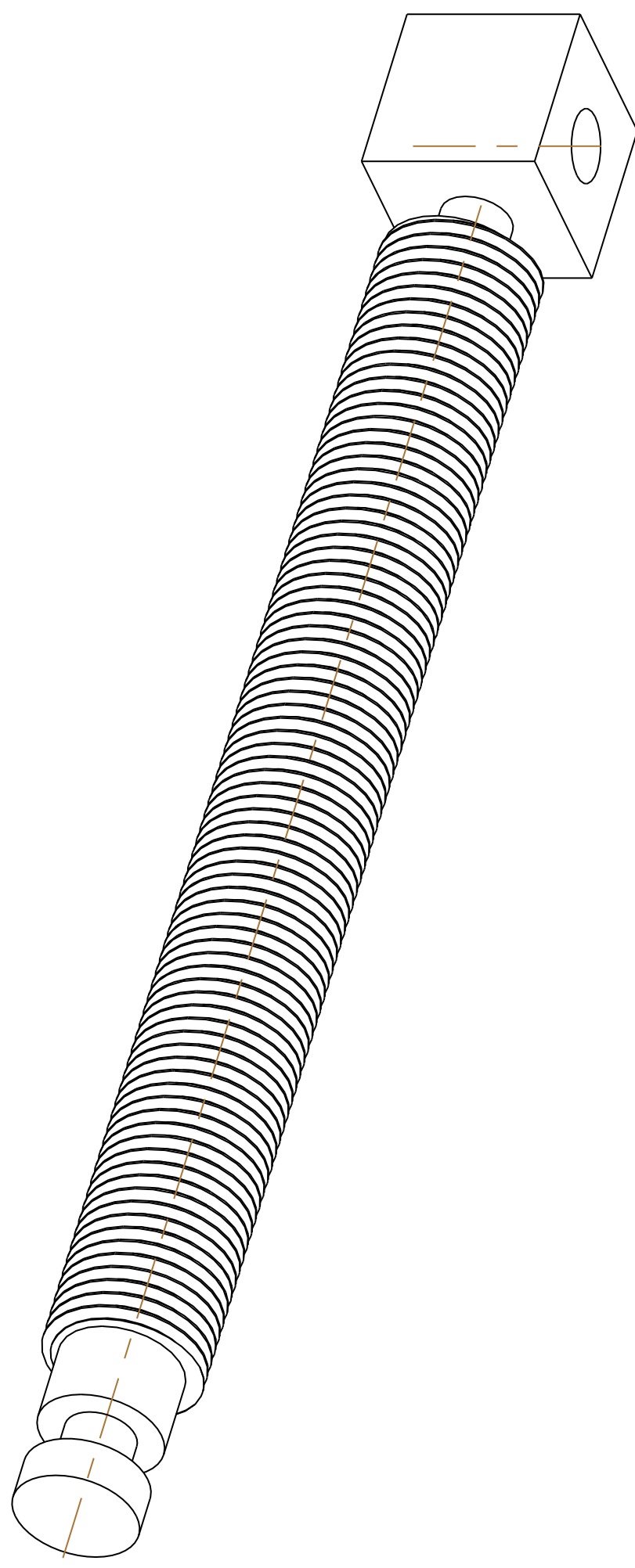
SCALE 15.000



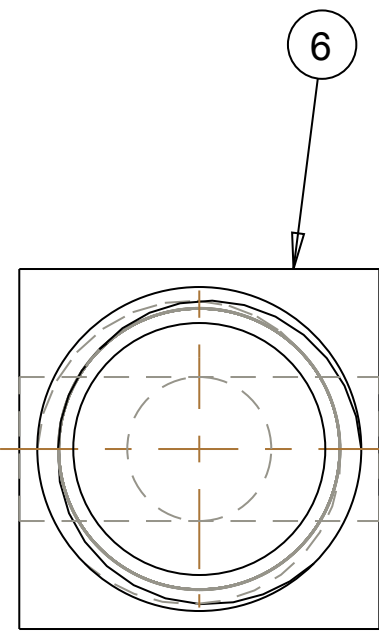
SCALE 20.000



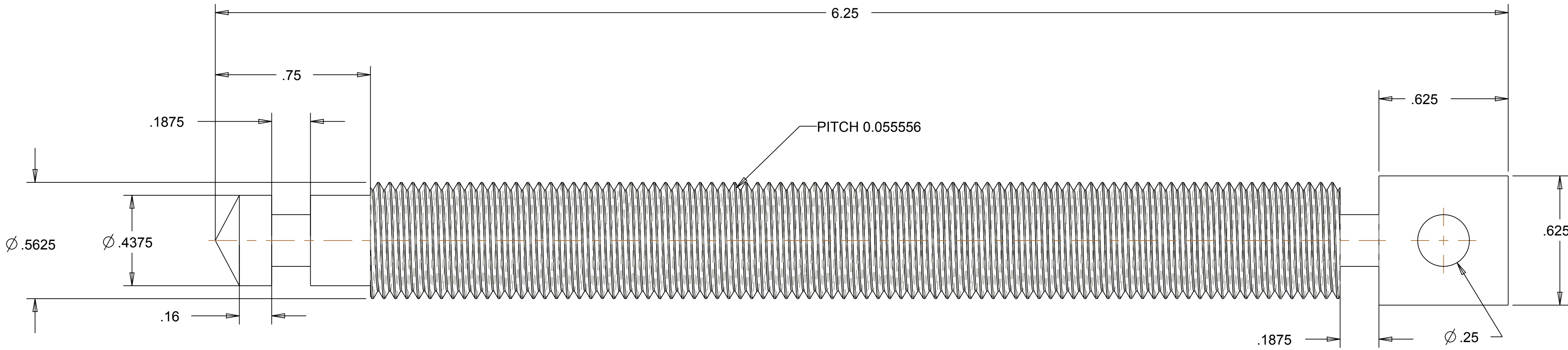
ITEM	PT NUMBER	DESCRIPTION	MATERIAL	QTY
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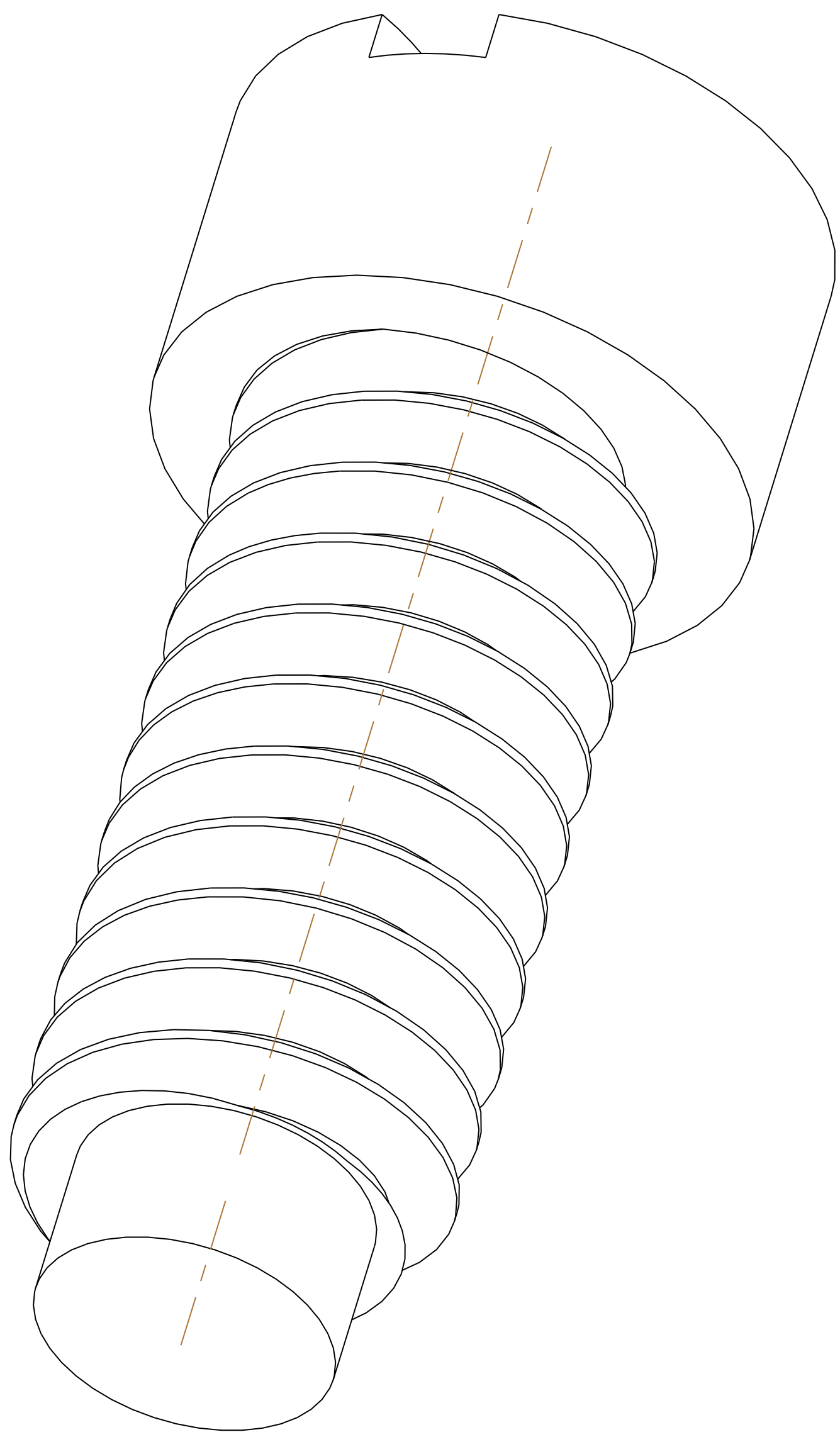
SCALE 2.000



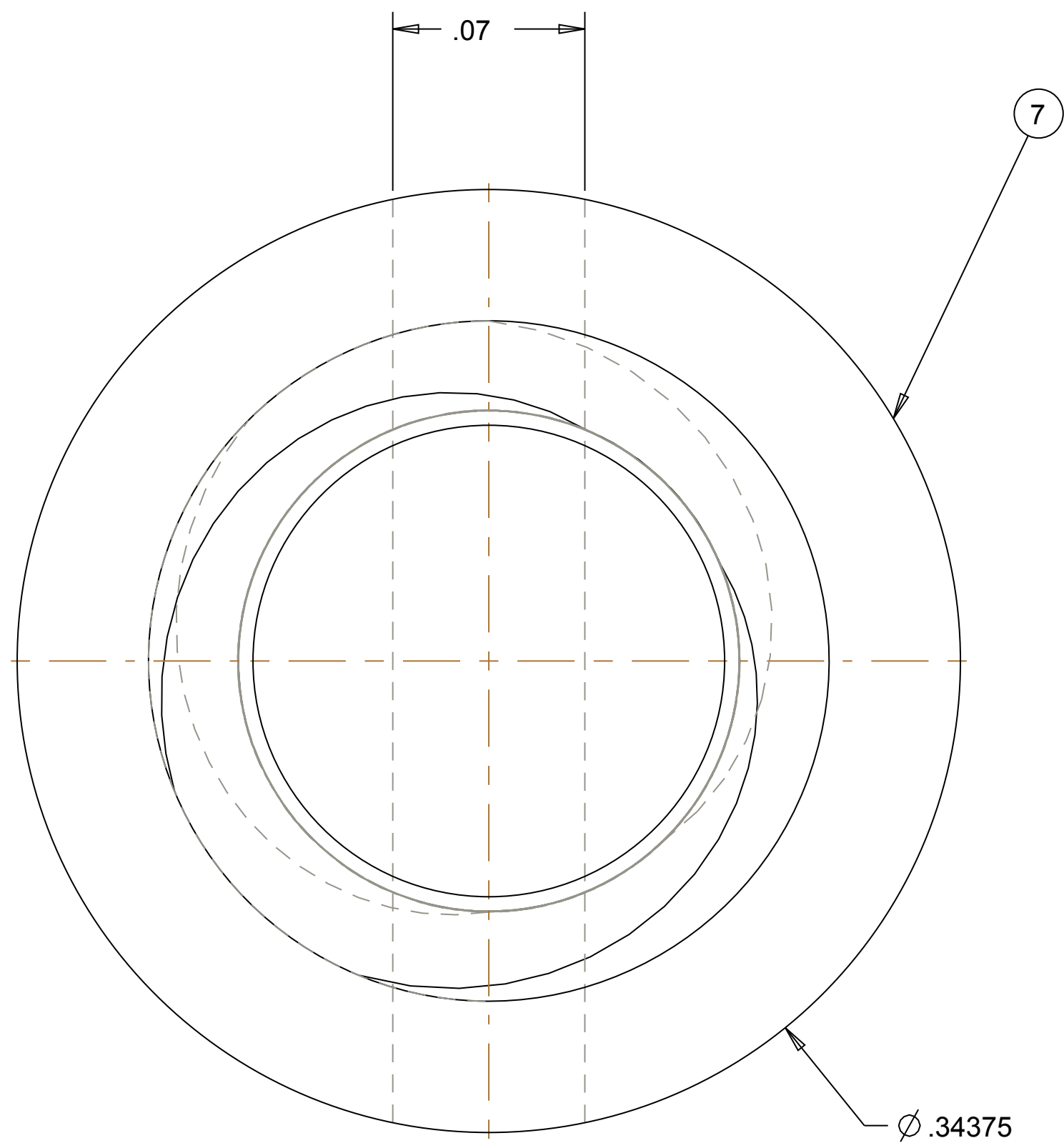
SCALE 3.000



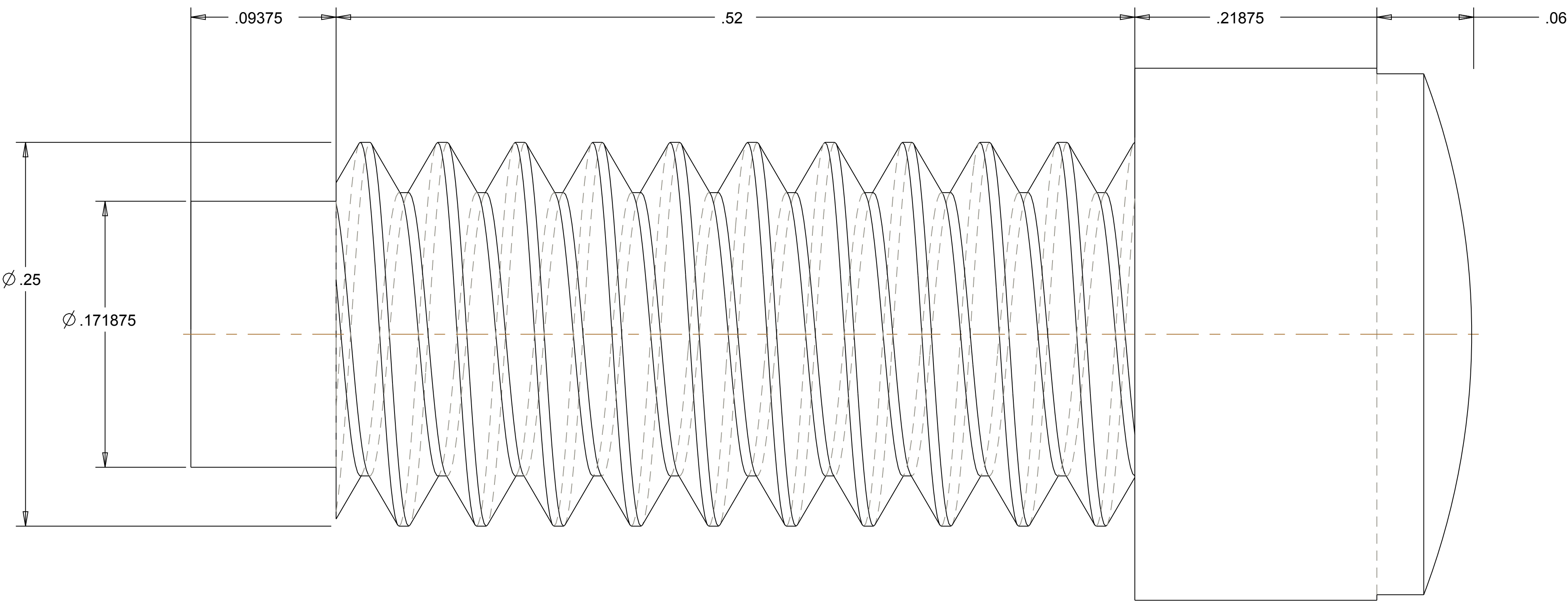
ITEM	PT NUMBER	DESCRIPTION	MATERIAL	QTY
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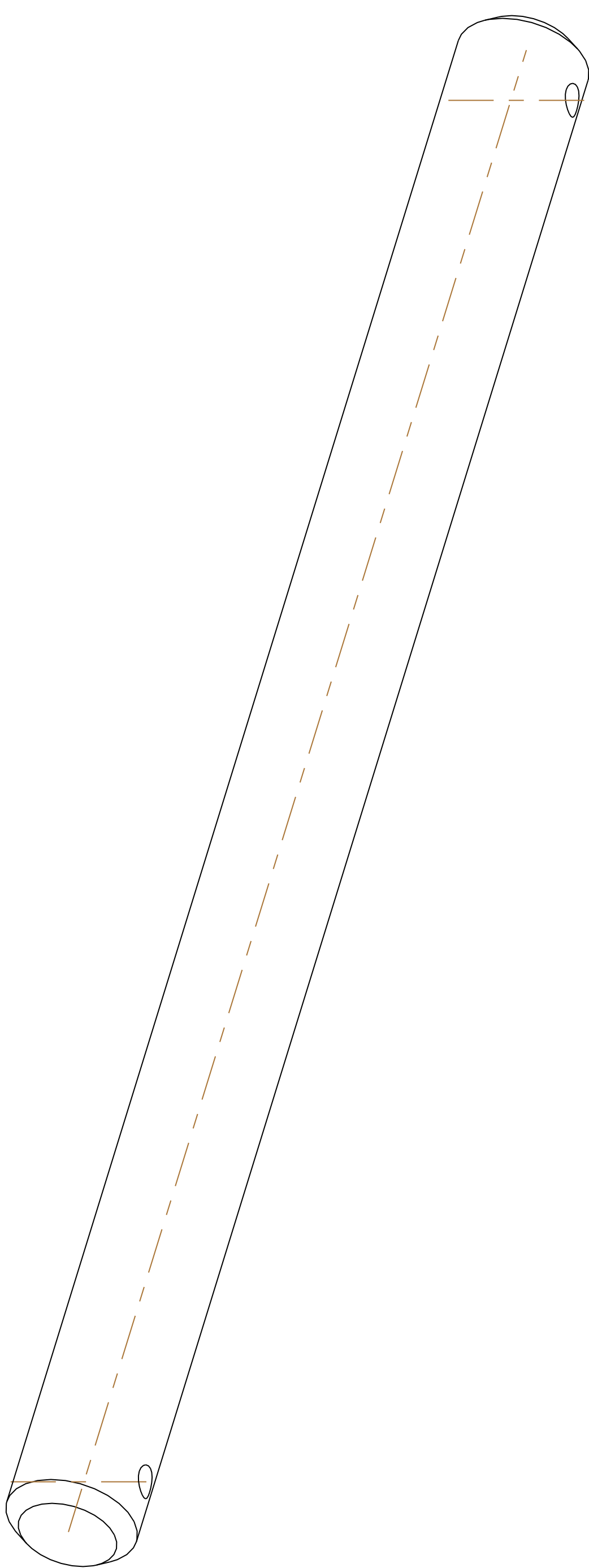
SCALE 15.000



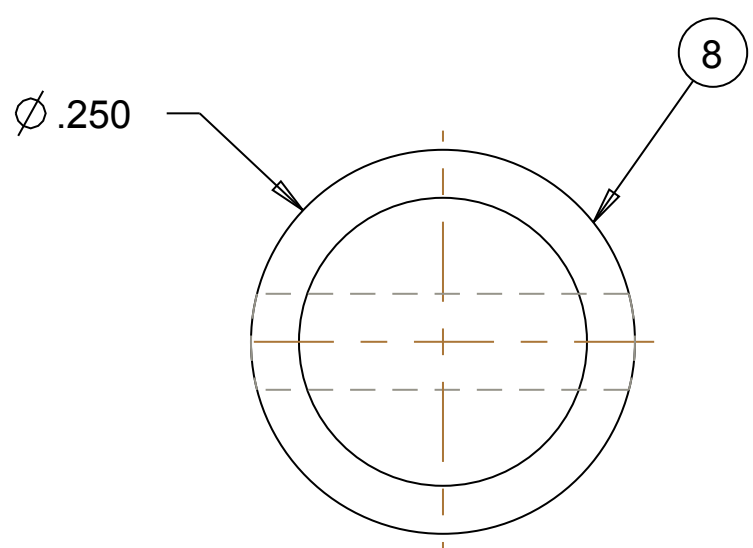
SCALE 20.000



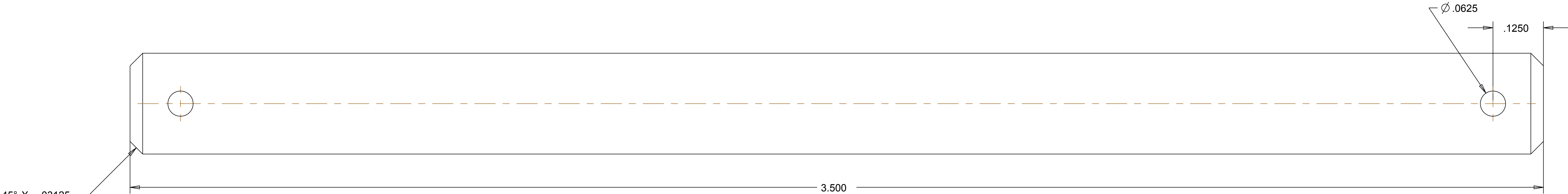
ITEM	PT NUMBER	DESCRIPTION	MATERIAL	QTY
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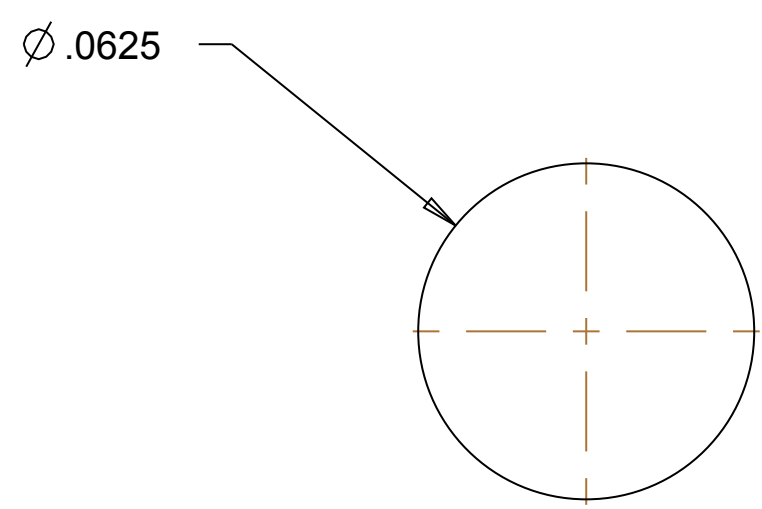
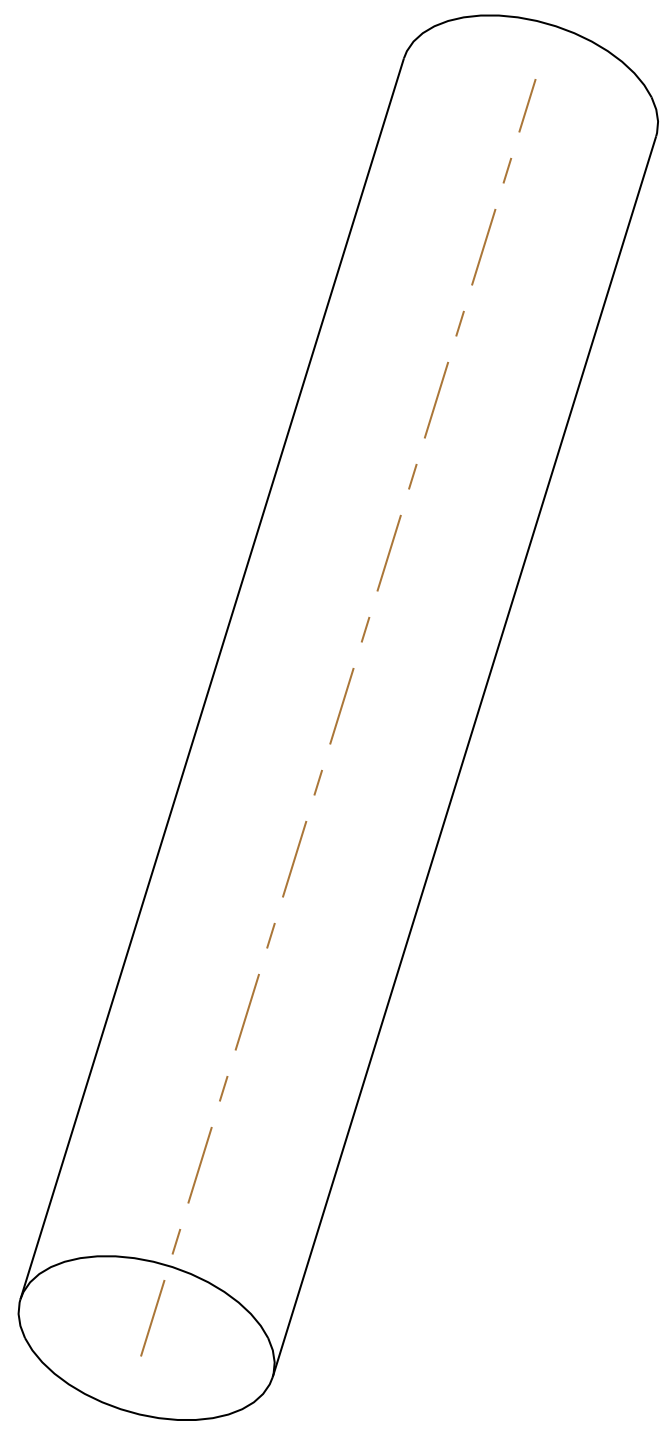
SCALE 5.000



SCALE 8.000

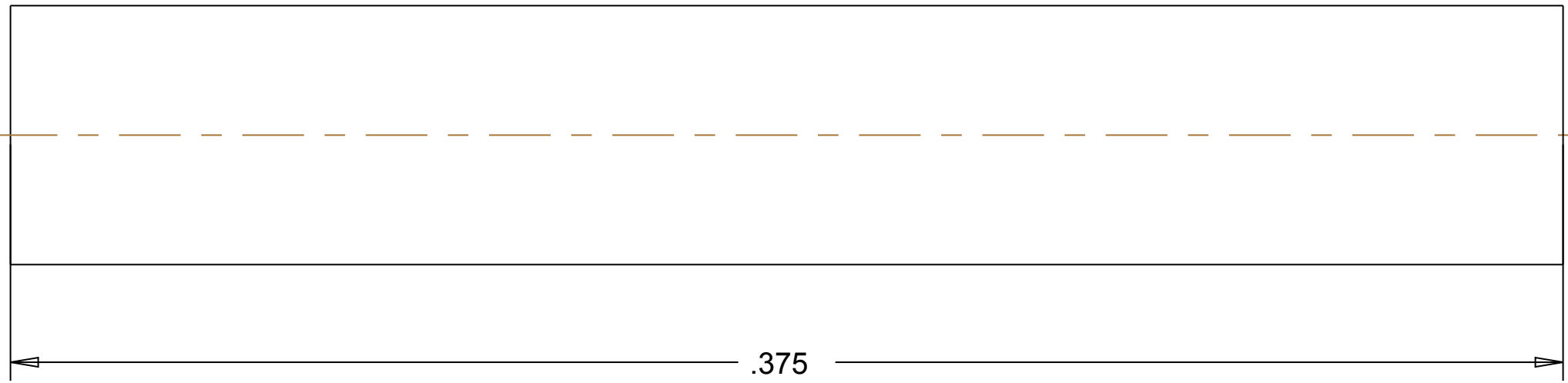


ITEM	PT NUMBER	DESCRIPTION	MATERIAL	QTY
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Ø .0625

SCALE 28.000



.375

ITEM	PT NUMBER	DESCRIPTION	MATERIAL	QTY
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